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Four Years of Research, Development, and Training: A Bibliography

DCVER Projects Completed Between July 1, 1964 and June 30, 1968

Department of Health, Education and Welfare
Office of Education
Bureau of Research
Division of Comprehensive and Vocational Education Research (DCVER)
Washington, D.C. 20202

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TABLE OF CONTENTS

I. Four Years of Research, Development and Training Page 1

II. DCVR Projects Related to The "Cluster Concept" In Vocational Education Page 35

III. DCVR Projects Related Wholly or Partially to Community Colleges and Technical Institutes Page 39

IV. DCVR Projects Related to Curriculum Development Page 58

V. DCVR Projects Related to the Disadvantaged Page 71

VI. DCVR Projects Related to Evaluation Page 83

VII. DCVR Projects Related to the Health Occupations Page 92

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Center for Research and Leadership Development in Vocational and Technical Education	Robert E. Taylor Center for Research and Leadership Development in Vocational & Technical Education Ohio State University Columbus, Ohio	5-0212 ED 014 549 MF: 75¢ HC: $6.96
A Sequential Curriculum in Language, Reading,and Composition (Oral and Written) Grades Seven through Twelve	Albert R. Kitzhaber University of Oregon Eugene, Oregon	5-0366 ED 015 895 MF: 75¢ HC: $5.64
[illegible] of Dropout Statistics of the [illegible] Dropout Research and Action [illegible]	Earl R. Burrows Colorado State Department of Education Denver, Colorado	5-0430 ED 003 102 MF: 75¢ HC: $5.32
Program to Extend Curriculum Materials in English for the Able to a Wider Student Group	Robert C. Slack Carnegie-Mellon Univ. Pittsburgh, Pa.	5-0516 ED 016 664 MF: 25¢ HC: 72¢
The Conservation of Energy Concept in Ninth Grade General Science	William Shockley Paul D. Hurd Stanford University Stanford, California	5-0557

Project PREP - A Program for Recovering and Extending Academic Potential for High School Underachievers Seeking Entrance at a Regional Community College	John J. Shea Greenfield Community College Greenfield, Mass.	5-0569 ED 010 120 MF: 25¢ HC: $2.04
High School Self-Evaluations and Curriculum Change	Vynce A. Hines William M. Alexander University of Florida Gainesville, Florida	5-0576 ED 017 971 MF: 50¢ HC: $5.12
A Follow-Up Normative Study of Negro Intelligence and Achievement	Wallace A. Kennedy Florida State University Tallahassee, Florida	5-0621 ED 003 492 MF: 75¢ HC: $7.48
Development of Economics Curricular Materials for Secondary Schools	Meno Lovenstein Edward J. Furst Robert E. Jewett Elizabeth S. Maccia Ohio State University Columbus, Ohio	5-0672 ED 014 430 MF: $3.50 HC: $36.68
An Assessment of Three Foreign Language Teaching Strategies Utilizing Three Language Laboratory Systems	Philip D. Smith. Jr. West Chester State College West Chester, Pa.	5-0683 ED 021 512 MF: $1.00 HC: $9.24
Effects of Age, Social Status, Sex, and Race Upon the Understanding of Word Meanings Independent of Sentence Context	Walter H. Crockett Clark University Worchester, Mass.	5-0697 ED 010 381 MF: 25¢ HC: $1.48
A Project for the Planning of One-week Workshops in Evaluation Research for State and City Department of Education Personnel	Charles N. Seashore National Training Labs Washington, D. C.	5-0699 ED 010 230 MF: 25¢ HC: $1.12
High School Dropouts: Fate- Future-Identification	Ralph O. Gallington Southern Illinois Univ. Carbondale, Illinois	5-0700 ED 010 018 MF: 25¢ HC: $2.12
Unified Academic and Professional Experiences in Language and Writing for the Preparation of Secondary School Teachers of English	Daniel Rider Michigan State Univ. East Lansing, Michigan	5-0804 ED 016 674 MF: 75¢ HC: $6.68
Production of a Motion Picture for the In-Service Training of Teachers in Problems of Human Relations in Teaching Socio-Economically Disadvantaged	Henry S. Breitrose Janet V. Voelker Stanford University Stanford, California	5-0866 ED 013 277 MF: 25¢ HC: 96¢

Short Course for Counselors on Vocational and Technical Training and Opportunities	Fred D. Holt University of Georgia Athens, Georgia	5-0875 ED 003 108 MF: 50¢ HC: $3.88
The Center for Research, Development, and Training in Occupational Education	Selz C. Mayo John K. Coster North Carolina State University at Raleigh Raleigh, North Carolina	5-1005 ED 012 344 MF: 25¢ HC: $1.64
A Pilot Study of Personality Factors Related to Occupational Aspirations of Negro College Students	Lawrence W. Littig Howard University Washington, D. C.	5-1021 ED 003 521 MF: 25¢ HC: $1.88
Effects of Modern and Conventional Mathematics Curricula on Pupil Attitudes, Interests and Perception of Proficiency	James J. Ryan Minnesota State Department of Education Saint Paul, Minnesota	5-1028
A Comparison of Techniques for the Solution of Similar Educational-Vocational Problems of Disadvantaged Youth in Great Britain and the U. S.	Dr. Robert L. Gibson Dr. Nicholas A. Fattu Indiana University Bloomington, Indiana	5-1163 ED 016 791 MF: 75¢ HC: $6.12
Conference on the Citizenship Education of the Young Worker	Alan F. Westin Center for Research and Education in American Liberties Columbia University New York	5-1164
Design for the Future: Spaces in Area Vocational Schools	James G. MacConnell Stanford University Stanford, California	5-1165 ED 010 264 MF: 25¢ HC: $1.08
A Curriculum Demonstration for Dropout-Prone Students	Charles V. Matthews Southern Illinois Univ. Edwardsville, Illinois	5-1166
An Investigation of the Training and Skill Requirements of Industrial Machinery Maintenance Workers (Vol. I & II)	Frank Lynn Midwest Institute for Research and Training Chicago, Illinois	5-1201 ED 016 832 MF: 50¢ HC: $4.56

Conference to Establish Guidelines for Research in Office Education	J. E. Gratz Shippensburg State College Shippensburg, Pa.	5-1202 ED 010 394 MF: 50¢ HC: $3.36
Vocational Aspects of Counselor Education	Carl McDaniels George Washington University Washington, D. C.	5-1208 ED 010 016 MF: 50¢ HC: $4.04
Computer Assisted Instruction: In-Service Training for Vocational Teachers	Fr. G. C. McGregor Providence College Providence, Rhode Island	5-1214 ED 012 384 MF: 25¢ HC: $1.68
A Study in Communication between High School Teachers of Vocational Agriculture and Socio-Economically Disadvantaged Youth by the Use of the Semantic Differential	Lloyd J. Phipps University of Illinois Urbana, Illinois	5-1215 ED 010 181 MF: 75¢ HC: $5.92
Conference on Implementing Career Development Theory and Research through the Curriculum	David Tiedeman National Vocational Guidance Association Washington, D. C.	5-1304 ED 010 182 MF: $1.00 HC: $8.20
A Training Program for Selected Home Economists to Train Adults and Older Youth for Homemaker Service Responsibilities	Charlene L. Detro Louisiana State Univ. Baton Rouge, Louisiana	5-1315 ED 015 259 MF: $1.00 HC: $10.76
Status of Curriculum Development in the Field of Commercial Food at the Non-Baccalaureate Level	Mildred B. Barnard Hilda Watson Gifford Council on Hotel, Restaurant and Institutional Education Ithaca, New York	5-1316 **ED 016 073** **MF: 75¢** **HC: $6.68**
Development of a Film on Homemaker Services for Interpretation to the Public and Training Professional and Nonprofessional Personnel	Alberta Jacoby Mental Health Film Board, Inc. New York, New York	5-1318 **ED 016 074** **MF: 25¢** **HC: 40¢**
A Study of a New and Dramatic Approach to Vocational Guidance through the Use of Exhibits and Displays	George A. Walsh National Educational Industrial Foundation Philadelphia, Pa.	5-1323 ED 003 107 MF: 25¢ HC: $1.24

Community College Health Careers Project: Phase II - Teacher Preparation	Muriel Ratner University of the State of New York State Education Dept. Albany, New York	5-1328 ED 019 505 MF: 25¢ HC: 88¢
Operation Giantstep: Research in a New Remedial Program and Community College Industrial Technology Curriculum for the Disadvantaged	Manuel Stillerman Milton Lowens Bronx Community College of the City University of New York Bronx, New York	5-1336 ED 012 830 MF: 50¢ HC: $4.64
Evaluating the Efficiency and Effectiveness of Self-Instructional Methods for Selected Areas of Vocational Education	John L. Coffey Ronald J. Cress Battelle Memorial Institute Columbus, Ohio	5-1363 ED 019 511 MF: $1.00 HC: $8.80
A Study of Educational Activities Within Business and Industry in Richmond, California	John A. McClure University of California Berkeley, California	5-1364 ED 015 353 MF: 50¢ HC: $4.04
Development of a Programmed Text in Salesmanship for Feasibility Testing in Adult Education	Raymond P. Russell Kansas State Teachers College Emporia, Kansas	5-8267 ED 003 851 MF: 25¢ HC: $1.00
An Analysis of Research on Selected Aspects of Evaluation in Adult Education	Elizabeth W. Hutton Florida State University Tallahassee, Florida	5-8268 ED 003 520 MF: $1.50 HC: $13.56
Changes in Gregg Shorthand Simplified as Written During Employment: An Analytical Study of Variations in Phonetic System of Communication	Ruth H. Gaffga New York University New York, New York	5-8270 ED 011 076 MF: 50¢ HC: $3.20
Teaching Vocational and Citizenship Education in Social Studies	Kay M. Howell Wilbur B. Brookover Michigan State Univ. East Lansing, Michigan	5-8271 ED 022 022 MF: 75¢ HC: $5.44
Factors Which Influence Participation in Adult Education Conferences and Programs by Members of Professional Associations	Alan Booth University of Nebraska Lincoln, Nebraska	5-8273 ED 010 411 MF: 50¢ HC: $3.52

Study of Industrial Arts Education in Public Secondary Schools of the Southern Appalachian Region	Charles J. Collins West Virginia University Morgantown, West Virginia	5-8275 **ED 017 723** **MF: 75¢** **HC: $6.88**
Development and Evaluation of a One-Semester Stenography Course	Patsy Blake McMurtrie San Francisco State College San Francisco, Calif.	5-8277 ED 010 256 MF: 50¢ HC: $4.40
A Study of the Aspirations of Married Women College Graduates	Rhee Lyon Frank W. Miller Northwestern University Evanston, Illinois	5-8357 ED 012 345 MF: 50¢ HC: $3.08
A Study of Recommendations for Technical Education Curricula	Joseph P. Arnold Purdue University Lafayette, Indiana	5-8371 **ED 016 064** **MF: 75¢ HC: $5.60**
Development of a Guide on Record Keeping and Analysis in the Vocational Agriculture Record Book for Production Agriculture	A. O. Duncan University of Georgia Athens, Georgia	5-8397 ED 011 084 MF: 50¢ HC: $3.36
The Identification of Common Courses in Paramedical Education	Bill J. Fullerton Arizona State Univ. Tempe, Arizona	5-8398 ED 010 190 MF: 75¢ HC: $6.88
Development of Marketable Typing Skill: Sensory Processes Underlying Acquisition	Leonard J. West City University of New York New York, New York	5-8434 ED 010 012 MF: 25¢ HC: $1.08
The Relative Effectiveness of the Traditional and Two Modified Methods of Organizing Information Sheets	David J. Pucel University of Minnesota Minneapolis, Minnesota	5-8458 ED 010 635 MF: 75¢ HC: $5.60
A Philosophical and Historical Rationale for a New Approach to "Problems of Democracy"	Glenn W. Hawkes Harvard Graduate School of Education Cambridge, Massachusetts	5-8459 **ED 019 293** **MF: 75¢** **HC: $6.36**
The Use of Follow-up Studies in the Evaluation of Vocational Education	Laura M. Sharp Bureau of Social Science Research, Inc. Washington, D. C.	5-8461 ED 010 072 MF: 25¢ HC: $1.68

Development of a Junior High School Instrument for Appraising Social Readiness for Employment	Vivian Edmiston Todd Zelpha Bates California State College at Long Beach Long Beach, California	5-8462 ED 013 467 MF: 50¢ HC: $3.44
The Advanced Degree and Vocational-Technical Education Leadership (A Symposium)	Carl Schaefer Rutgers, The State University New Brunswick, N. Jersey	5-8464 ED 010 015 MF: 25¢ HC: $2.40
An Exploratory Study of Knowledges on Child Development and Guidance Needed by Mothers and Workers in Occupations Related to Child Care	Ruth E. Whitmarsh University of Illinois Urbana, Illinois	5-8465 ED 010 071 MF: 75¢ HC: $5.48
Identification and Development of Instruments for a Study of the Expectations and Perceptions of the State Vocational-Technical Education Agencies and Their Influence upon Local Programs	Allen Lee University of California Berkeley, California	5-8466 ED 013 362 MF: 50¢ HC: $3.00
Utility of Educational Television in Meeting the Informational Needs of the Disadvantaged	Harold Mendelsohn University of Denver Denver, Colorado	6-1231
Summer Program for Updating the Technical Competency of Teachers of Industrial Subjects	Ralph C. Bohn San Jose State College San Jose, California	6-1423 ED 012 348 MF: $1.50 HC: $14.44
Western States Regional Conference of Occupational Research Coordinating Personnel	Bill Wesley Brown Arizona State College Flagstaff, Arizona	6-1428 ED 003 104 MF: 50¢ HC: $2.76
Workshop for Supervising Teachers in Agricultural Occupations from Eleven Western States	Earl E. Julson Colorado State Univ. Fort Collins, Colorado	6-1455 ED 010 429 MF: 50¢ HC: $3.52
The Development of Pre-Vocational Education Literacy Courses for Use with Computer-Assisted Instruction of Disadvantaged Youths and Adults	Edward K. Hankin Edwin H. Smith Timothy A. Smith Florida State University Tallahassee, Florida	6-1458

A Curriculum Development Study of the Effectiveness of Upgrading the Technical Skills of Educationally Disadvantaged Union Members	Frank Evans Negro American Labor Council Region IV Cleveland, Ohio	6-1484 ED 010 430 MF: 50¢ HC: $3.28
Guidelines for the Preparation of Office Occupations Teachers	Fred S. Cook Wayne State University Detroit, Michigan	6-1522 ED 010 195 MF: 50¢ HC: $3.88
University of Illinois Summer Institute for Teachers of Ornamental Horticulture in the Midwestern Section of the U.S.	Paul E. Hemp University of Illinois Urbana, Illinois	6-1538 ED 016 867 MF: $1.25 HC: $13.24
Determine the Feasibility of Developing a Model Describing the Flow of Occupational and Economic Information into the Secondary Vocational-Technical School	Leonard C. Silvern Education and Training Consultants Co. Los Angeles, California	6-1544 ED 015 273 MF: 50¢ HC: $4.40
A Training Program for Vocational Counselors	Donald L. Frick Colorado State Univ. Fort Collins, Colorado	6-1592 ED 014 083 MF: 25¢ HC: $1.84
Pilot Training Project Based on Directed Occupational Experience for Teachers of Marketing and Distribution	Warren G. Meyer University of Minnesota College of Education Minneapolis, Minnesota	6-1594 ED 016 805 MF: 75¢ HC: $6.04
Regional Center for Collection, Synthesis and Dissemination of Career Information for Use by Schools of San Diego County	Edwin A. Whitfield Richard Hoover Department of Education San Diego, California	6-1620 ED 015 513 MF: 75¢ HC: $6.60
Effectiveness of Film in Changing Parental Attitudes	Marvin L. Hanson University of Utah Salt Lake City, Utah	6-1638 ED 020 659 MF: 25¢ HC: 68¢
Technical Personnel in Mental Health	Edward Linzer The National Association for Mental Health New York, New York	6-1685 ED 013 361 MF: 50¢ HC: $2.04
An Instructional Program for Teachers of Occupational Training Programs Utilizing Home Economics Knowledge and Skill	Anna M. Gorman University of Kentucky Lexington, Kentucky	6-1699 ED 016 071 MF: 50¢ HC: $4.20
Summer Writing Conference to Continue Development of Materials in Expression of Ideas (English) and Quantitative Thinking (Mathematics) to be Used in Pre-College Centers for Students from Low-Income Families	Educational Services Inc. Curriculum Resources Group 55 Chapel Street	6-1700 ED 015 177 MF: 75¢ HC: $5.88

An Evaluation of Vocational Education for Disadvantaged Youth	John J. Austin Donald A. Sommerfield The Public Schools of City of Muskegon Muskegon, Michigan	6-1831 ED 016 097 MF: $1.00 HC: $8.56
A Study of the Teaching of English in Selected British Secondary Schools	James R. Squire University of Illinois Urbana, Illinois	6-1849 ED 017 517 MF: $2.00 HC: $19.24
National Leadership Development Institutes in Technical Education	Calvin J. Cotrell Ivan E. Valentine Ohio State University Columbus, Ohio	6-1888 ED 011 932 MF: 75¢ HC: $6.32
Interdisciplinary Approach to Preparing Home Economics Leaders for Emerging Programs Serving Disadvantaged Youth and Adults	Pauline Gillette Garrett University of Missouri Columbia, Missouri	6-1936 ED 016 096 MF: 50¢ HC: $4.28
Pittsburgh Technical Health Training Institute Demonstration Project	Louis J. Kishkunas Pittsburgh Board of Public Education Pittsburgh, Pa.	6-2015 ED 019 508 MF: 50¢ HC: $2.68
Summer Institute to Train Data Processing Teachers for the New Oklahoma Statewide Computer Science System	Francis Tuttle Oklahoma State Board for Vocational Education Stillwater, Oklahoma	6-2040 ED 010 666 MF: $1.00 HC: $8.40
Sounds of Society: A Demonstration Program in Group Inquiry	B. J. Chandler Frederick D. Erickson Northwestern University Evanston, Illinois	6-2044 ED 018 522 MF: 50¢ HC: $4.40
Effects of Interval Pacing on the Acquisition of Typewriting Skill	Leonard J. West The City University of New York New York, New York	6-2116 ED 019 510 MF: 25¢ HC: $1.76
Mental Health and Psychiatric Nursing in Practical Nurse Education	Annie Laurie Crawford Southern Regional Education Board Atlanta, Georgia	6-2129 ED 015 391 MF: 25¢ HC: $2.16
Eight-Week Summer Institute Training Program to Train Instructors of Instrumentation Technology	Frank J. Ziol Pasadena City College Pasadena, California	6-2142 ED 010 433 MF: 25¢ HC: $1.44

A Guidance Project to Investigate Characteristics, Background, and Job Experiences of Successful and Unsuccessful Entry Workers in Three Selected Industries	Robert E. Gorman University of Montana Missoula, Montana	6-2147 ED 011 976 MF: 25¢ HC: $2.28
Work Instruction Programs for the Food Service Industry	Stephan Konz Raymona Middleton Kansas State University Manhattan, Kansas	6-2159 ED 011 961 MF: 25¢ HC: $2.12
Child Development Training Program for Vocational Home Economics Teachers	Helen Sulek University of Nebraska Lincoln, Nebraska	6-2186 **ED 016 066** **MF: 50¢ HC: $4.84**
Vocational-Technical Education Leadership Development Seminar	Clodus R. Smith University of Maryland College Park, Maryland	6-2188 ED 010 629 MF: 75¢ HC: $5.76
A Functional Analysis of Paramedical Occupations as a Foundation for Curriculum Development	John P. Decker Arizona Health Services Education Association Phoenix, Arizona	6-2193 ED 012 790 MF: $1.00 HC: $9.80
1966 Summer Institutes on Fluid Power Education for Vocational and **Technical** Teachers	Theodore Pearce Fluid Power Society Thiensville, Wisconsin	6-2203 **ED 016 113** **MF: 25¢ HC: 88¢**
Seminar to Identify the Structure of Knowledge in Home Economics Education at the Graduate Level	Hazel Anthony Shirley Kreutz University of Nebraska Lincoln, Nebraska	6-2205
Vocational-Educational Information Workshop for Rural Guidance Workers, August 1966	K. Norman Severinsen Western Illinois Univ. Macomb, Illinois	6-2208 ED 015 042 MF: 50¢ HC: $4.16
Guidance Counselor Institute for Health Careers	Philip P. Morgan United Hospital Funds of New York New York, New York	6-2209 ED 012 342 MF: $1.00 HC: $9.00
An Eight-Week Summer Institute Training Program to Train Instructors of Instrumentation Technology	Delbert A. McKee State University of New York Morrisville, New York	6-2211 ED 011 973 MF: 25¢ HC: **52¢**

Training Institute for Vocational Guidance and Counseling Personnel	Frank E. Wellman University of Missouri Columbia, Missouri	6-2212 ED 011 614 MF: 50¢ HC: $4.28
Conference for Vocational Teacher Educators on New Media of Instruction	W. Vincent Payne Tuskegee Institute Tuskegee, Alabama	6-2224 ED 010 435 MF: 50¢ HC: $2.76
National Leadership Development Seminar for Vocational-Technical Education Personnel	H. H. London University of Missouri Columbia, Missouri	6-2236 ED 010 597 MF: 25¢ HC: $2.08
The Fluid Power Institutes: Tested Procedures for Introducing Emerging Technologies; 1966	Gerald Baysinger Fluid Power Society Thiensville, Wisconsin	6-2278 ED 016 130 MF: $1.25 HC: $11.60
The Preparation of Curriculum Materials and the Development of Teachers for an Experimental Application of the Cluster Concept of Vocational Education at the Secondary Level	Donald Maley University of Maryland College Park, Maryland	6-2312 ED 016 841 MF: $1.25 HC: $12.32
An Eight-Week Seminar in an Introduction to Numerical Control on Two- and Three-Axis Machine Tools for Vocational and Technical Machine Tool Instructors	Milton Boldt Harry Pokorny Milwaukee Vocational, Technical and Adult Schools Milwaukee, Wisconsin	6-2332 ED 017 726 MF: 25¢ HC: $1.80
Investigation to Produce Guidelines for Health Technology Program Planning	Carol Kahler National Health Council New York, New York	6-2355 ED 021 556 MF: 50¢ HC: $4.16
The Feasibility of Systematic Study of Manpower Requirements and Education and Training Programs of Selected Health Occupations	Forbes W. Polliard Indianapolis Hospital Development Association, Incorporated Indianapolis, Indiana	6-2444 ED 016 079 MF: 50¢ HC: $4.00
A Study to Develop Instructional Materials for a Ninth and Tenth Grade World History Curriculum Integrating History and the Social Sciences	Edgar Bernstein University of Chicago Chicago, Illinois	6-2445 ED 013 991 MF: 25¢ HC: $1.80

Differentially Structured Introductory Learning Materials and Learning Tasks	Arden Grotelueochen Teachers College Columbia University New York, New York	6-2447 **ED 016 148** **MF: $1.00** **HC: $10.24**
The Life Cycle of an Adult Education Enterprise--The Swarthmore Chautaugua	George J. Dillavou Department of Education University of Chicago Chicago, Illinois	6-2608
Pilot Summer Vocational Teacher Training Institute in Dental Assisting	Raymond Baralt, Jr. University of Detroit Detroit, Michigan	6-2652 ED 011 052 MF: 25¢ HC: $1.88
Pilot Vocational Teacher Training Institute for Dental Assisting - Summer 1966	Roger E. Barton University of North Carolina Chapel Hill, N. Carolina	6-2653 ED 010 334 MF: 50¢ HC: $3.16
Training for Teachers of Technical Programs in Agriculture	Howard Sidney State University of New York Cobleskill, New York	6-2662 ED 010 335 MF: 50¢ HC: $3.44
In-Service Training in Computer Assisted Instruction for Vocational Teachers	Fr. G. C. McGregor Providence College Providence, Rhode Island	6-2811 **ED 017 170** **MF: 25¢** **HC: $2.20**
A Developmental Program for the Improvement of Trade-Technical Teacher Education in the Southern States	David Allen University of California Los Angeles, California	6-2861 ED 011 061 MF: 50¢ HC: $2.96
A Nationwide Study of the Administration of Vocational-Technical Education at the State Level (Vol. I & II)	J. Chester Swanson University of California Berkeley, California	6-2921 **ED 016 858** **MF: $1.25** **HC: $12.72**
Occupational Training Centers for 16-18 Year-Old Youth	Harry Handler Los Angeles City Unified School Districts Los Angeles, California	6-2958 ED 010 620 MF: 50¢ HC: $4.40
Structuring a Program of Research and Development for Kentucky Designed to Bring Together all Available Research Resources to Support a Continuing Program of Vocational Education	Carl F. Lamar University of Kentucky Lexington, Kentucky	6-3024 **ED 016 144** **MF: 50¢** **HC: $2.60**

Vocational Education Occupational Research and Development Coordinating Unit	V. E. Burgener Board of Vocational Education and Rehabilitation Springfield, Illinois	6-3030 ED 011 981 MF: 50¢ HC: $2.64
Prediction of Adult Educators' Attitudes Toward Institutional Changes	John Dale Apel University of Chicago Chicago, Illinois	6-8075 ED 012 881 MF: 25¢ HC: $1.00
An Evaluation of a Counselor Education Program Designed for Prospective Elementary School Counselors Enrolled in 1965-1966 NDEA Institute	Merle M. Ohlsen University of Illinois Urbana, Illinois	6-8087
An Analysis and Interpretation of Data on the Social Characteristics of Residents of "Vine City," A Negro Slum Ghetto	Marcia L. Halvorsen Spelman College Atlanta, Georgia	6-8162 ED 015 225 MF: 50¢ HC: $2.60
Attention Directing Techniques Used by Teachers: Attention as a Variable in Teaching Research	Douglas Sjogren Colorado State University Fort Collins, Colorado	6-8183 ED 016 245 MF: 25¢ HC: $1.92
Conditions of Participation in a Public Affairs Adult Education Program	J. Michael Blum American Institutes for Research Pittsburgh, Pa.	6-8191 ED 010 073 MF: 50¢ HC: $3.72
Preliminary Investigation of Communication-Linked Techniques for Off-Campus Teaching of Vocational and Technical Subjects	Alexander Schure New York Institute of Technology New York, New York	6-8254 ED 011 971 MF: 75¢ HC: $6.04
The Development and Testing of Instruments and Procedures for a Study of Student Selection Practices in Technical Education Programs	George S. Whitney The American Technical Education Assoc, Inc. Delmar, New York	6-8255 ED 011 972 MF: 25¢ HC: $1.96
A Comprehensive Project to Develop a Complete Curriculum in the Area of Medical Records Technician	Robert L. Cove State University of New York Agricultural and Technical College Alfred, New York	6-8302

Conference on Methods of Increasing Student Achievement in Technical Preparatory Programs	Milo E. Van Hall State University of New York Alfred, New York	6-8303 ED 010 075 MF: 25¢ HC: 56¢
Development of a Scale to Measure Interests in Agricultural Occupations	William H. Hamilton Charles W. Hill Cornell University Ithaca, New York	6-8304 ED 010 801 MF: 50¢ HC: $3.00
Pilot Programs in High Schools to Prepare Students for a Wide Spectrum of Computing, Recording, and Bookkeeping Occupations	Jeffrey R. Stewart, Jr. Virginia Polytechnic Institute Blacksburg, Virginia	6-8318 ED 012 389 MF: 25¢ HC: $1.88
The Identification and Comparison of the Common Professional Training Needs and Requirements for Teachers of Vocational Education (Phase I - The Instrument)	E. Wayne Courtney Stout State University Menomonie, Wisconsin	6-8319 ED 010 845 MF: 25¢ HC: $1.36
Improving Procedures for Producing Overhead Transparencies with the Ultimate Aim of Incorporating These Techniques into the Development of a Regional Curricula Materials Center for Vocational Education	Arthur K. Jensen Clemson University Clemson, South Carolina	6-8320 **ED 017 722** **MF: 75¢** **HC: $6.12**
Secondary Students' Mathematics Competencies in Relation to Employment Tests	William Harper Landis University of Southern California Los Angeles, California	6-8323 **ED 016 784** **MF: 75¢** **HC: $7.96**
The Relative Effectiveness of Informational Feedback about Supervisory and Student Reactions with Beginning and Experienced Vocational Teachers	Wilmot F. Oliver Rutgers, The State University New Brunswick, N. Jersey	6-8327 **ED 019 477** **MF: 50¢** **HC: $3.28**
The Development and Testing of an Evaluation Model for Vocational Pilot Programs	Bruce W. Tuckman Rutgers, The State University New Brunswick, N. Jersey	6-8355 **ED 016 083** **MF: 50¢** **HC: $4.24**
Selected Characteristics, Socioeconomic Status, and Levels of Attainment of Students in Public Junior College Occupation-Centered Education	John W. Hakansen University of California School of Education Berkeley, California	6-8420 ED 013 644 MF: 25¢ HC: $1.96

Evaluative Training Strategies in the Social Studies	Milton Q. Meux College of Education University of Utah Salt Lake City, Utah	6-8423 ED 013 977 MF: 50¢ HC: $3.60
Guidelines for the Development of a Course for Secondary Schools Emphasizing the Interaction of Science and the Culture of Man	Robert E. Yager University of Iowa Iowa City, Iowa	6-8445 ED 018 400 MF: 75¢ HC: $6.44
Implications of Vocational Education for Plant Site Location	Ernest H. Dean Utah Technical College at Provo Provo, Utah	6-8498 ED 014 569 MF: $1.00 HC: $8.88
A Design for Action Research at Project TRY	Sidney Rosenberg Winthrop R. Adkins Training Resources for Youth, Inc. Brooklyn, New York	6-8503 ED 018 524 MF: 75¢ HC: $5.36
A Conference for the Administration of Industrial Education	Clyde M. Morris Kent G. Alm University of N. Dakota Grand Forks, North Dakota	6-8505 ED 016 072 MF: 25¢ HC: $1.96
Study and Development of Shop-Centered Team Teaching for Potential High School Dropouts	William R. Odell Stanford University Stanford, California	6-8524 ED 019 743 MF: 50¢ HC: $3.52
Seminar on Shop and Laboratory Planning for Vocational Education	Gordon G. McMahon State University College Oswego, New York	6-8530 ED 022 031 MF: 25¢ HC: $6¢
The Application for Employment and Job-Seeking Success Among Educable Mentally Retarded Youth	Robert J. Gregory Syracuse University Syracuse, New York	6-8576 ED 016 095 MF: 75¢ HC: $7.48
Teaching Adults Via Tele-Lecture and Electrowriter (Victor Electronic Remote Blackboard)	Lily Edelman B'nai B'rith Commission on Adult Jewish Education Washington, D. C.	6-8583 ED 016 081 MF: 50¢ HC: $2.40
A Comparative Analysis of Electronic Content in Public Post-High School Technical Institutes and Electronics Technology Requirements of Industry	Richard J. Vasek Mississippi State University State College, Miss.	6-8590 ED 015 302 MF: 50¢ HC: $3.72

A Pilot Study to Develop and Determine the Feasibility of a Packaged Materials Program for Teaching Reading and the General Development Area of Adult Basic Education	Edwin H. Smith Florida State University Tallahassee, Florida	6-8675 **ED 016 156** **MF: 50¢** **HC: $3.84**
Planning Project for the Teaching of Asian Studies in New England Secondary Schools	Allan B. Cole Tufts University Medford, Massachusetts	6-8711 **ED 018 440** **MF: 25¢** **HC: $1.24**
Career Simulation for Adolescent Pupils	P. Marvin Barbula Stephen W. Issac Department of Education San Diego County San Diego, California	6-8744 **ED 016 268** **MF: 25¢** **HC: $2.00**
Development and Evaluation of Instructional Units for Teaching Profit-Maximizing Principles in Vocational Agriculture	Richard L. Barker Ohio State University Research Foundation Columbus, Ohio	6-8763 ED 014 552 MF: 75¢ HC: $7.32
A Proposal for the Development of Materials of Instruction for a General Mathematics Curriculum in Grade Nine	Dr. Paul V. Rogler Wilmington Public Schools Wilmington, Delaware	6-8786
Publication of Two Manuals Describing the Techniques in the Establishment of Career Information Services	Roland Darling Northeastern University Boston, Massachusetts	6-8801
Equal Employment Opportunities: Selected Papers and Annotated Bibliographies	Gordon C. Barhydt Louis A. Ferman Institute of Labor and Industrial Relations University of Michigan **Ann Arbor, Michigan**	6-8854 **ED 016 068** **MF: 75¢** **HC: $6.72**
An Evaluative Study of Teacher Constructed Test Items for BSCS Biology	Dr. George C. Turner Mr. Vergil Hettick California State College Fullerton, California	6-8919 **ED 018 371** **MF: $1.25** **HC: $13.56**
Communication Concepts for Developing Increased Competence Among Cooperative Extension and Vocational Agricultural Educators in Improving Educational Change	Robert W. McCormick Ohio State University Columbus, Ohio	6-8932
Clusters of Tasks Associated with Performance of Major Types of Office Work (Partial Final Report)	Edward A. Perkins, Jr. Washington State Univ. Pullman, Washington	7-0031(a) **ED 018 665** **MF: $1.00** **HC: $8.48**

The Development and Testing of a Polysensory Instructional System for Teaching Knowledge and Skills Associated with the Use of Expandable Polystyrene Plastics (Partial Final Report)	Dale LeRoy Nish Washington State Univ. Pullman, Washington	7-0031(b) ED 019 512 MF: 50¢ HC: $2.72
The Development and Testing of an Experimental Polysensory Self-Instructional System Designed to Help Students Acquire Basic Electrical Occupational Competencies (Partial Final Report)	Edwin K. Hill Washington State Univ. Pullman, Washington	7-0031(c) ED 021 141 MF: 50¢ HC: $3.08
Clusters of Tasks Performed by Washington State Farm Operators Engaged in Seven Types of Agricultural Production (Partial Final Report)	Gilbert A. Long Washington State Univ. Pullman, Washington	7-0031(d) ED 021 067 MF: 50¢ HC: $3.56
Audio Visual Instructional Materials for Distributive Education - A Classified Bibliography **(Partial Final Report)**	Jerry C. Levendowski Washington State Univ. Pullman, Washington	7-0031(e) ED 022 045 MF: 50¢ HC: $4.56
The Subprofessional from Concepts to Careers	Edith F. Lynton National Commission on Youth Employment 145 E. 32nd Street New York, New York	7-0095 ED 017 945
Development of Post High School Wage-Earning Programs in Home Economics Education Utilizing the Resources Guide: Care and Guidance of Children	Ruth J. Dales Anna G. Buis Florida State University Tallahassee, Florida	7-0382
Vocational-Technical Education Leadership Development Seminar	H. H. London University of Missouri Columbia, Missouri	7-0417 ED 017 680 MF: 50¢ HC: $2.48
Computer-Aided Drafting and Design - Summer Institute	Alexander G. Morphonios Miami-Dade Junior College Miami, Florida	7-0435 ED 016 859 MF: $1.25 HC: $12.00
Workshop on Organization and Operation of Cooperative Work Experience Programs in Trade and Industrial Education	James N. Harris Austell O. Sherard Tuskegee Institute Tuskegee, Alabama	7-0444 ED 017 727 MF: 75¢ HC: $7.16
Pre-Service Education of Office Occupations Teachers	Dolores Kilchenstein Texas Technical College Lubbock, Texas	7-0450 ED 019 476 MF: 50¢ HC: $3.32

National Seminar to Improve the Use of Youth Organizations in Vocational Education as Teaching Devices	George L. Luster University of Kentucky Lexington, Kentucky	7-0494 **ED 016 869** **MF: 75¢** **HC: $7.44**
A Summer Institute for the Improvement of Technical Teacher Education Programs	Joseph P. Arnold Richard C. Erickson Purdue University Lafayette, Indiana	7-0528 **ED 017 729** **MF: 75¢** **HC: $5.56**
A Clinical Workshop in Mental Health and Psychiatric Nursing for Instructors in Schools of Practical Nursing	Carl F. Lamar University of Kentucky Lexington, Kentucky	7-0544
Medical Laboratory Assistant Teacher Education Institute - Pilot Program	Rex D. Couch National Committee for Careers in Medical Technology Washington, D. C.	7-0635 **ED 021 064** **MF: 50¢** **HC: $4.44**
Materials and Structural Design Seminar for Vocational-Technical Schools	J. Clark Davis University of Nevada Reno, Nevada	7-0658 **ED 016 112** **MF: 50¢ HC: $4.52**
An Evaluation of a Summer Institute to Train Instructors of Instrumentation Technology	Karl B. Schnelle, Jr. Instrument Society of America Pittsburgh, Pa.	7-8021 **ED 016 129** **MF: 50¢** **HC: $2.40**
The Relative Effectiveness of Supplementing Programmed Instruction with Blocked Versus Spaced Review	James Arnold Scanlon Frederick K. T. Tom Cornell University Ithaca, New York	7-8068 ED 013 538 MF: 25¢ HC: $1.84
Differences in Some Initial Attitudes of Students Who Complete and Students Who Drop Out in the Wellesley, Massachusetts Adult Education Center	Rosemary C. Hurkamp Boston University School of Education Boston, Massachusetts	7-8073
Trial and Testing of an Experimental Guidance Curriculum	Vivian S. Sherman American Institutes for Research Palo Alto, California	7-8091 **ED 020 554** **MF: 75¢** **HC: $5.52**
A Symposium on Educational Research (Concepts, Strategies, and Priorities for Research in Educational Manpower)	Don Davies National Education Association Washington, D. C.	7-8207 ED 013 778 MF: 50¢ HC: $2.92
Exploration of Simulation as a Retirement Education Technique	Norman Sprague Employment and Retirement Program National Council on the Aging, Inc. New York, New York	7-8249

Facilitation and Interference in the Older Adult Learner	Thomas J. McCrystal Xavier University Cincinnati, Ohio	7-8314 ED 019 605 MF: 25¢ HC: $1.28
A Regional Institute to Aid Improvement of Instructional Practices, Materials and Student Experiences for Coordinators and Instructors of Vocational Orientation Programs	Margaret Blair Harold R. Seltzer State Department of Education Division of Vocational Education Trenton, New Jersey	7-8400 ED 019 507 MF: 25¢ HC: $2.36
Initial Feasibility Study for Exploration of Three U. S. Air Force Course Materials for Adaptation to Civilian School Systems	James H. Straubel Michael Nisos Aerospace Education Foundation 1750 Pennsylvania Ave. Washington, D. C.	8-8018 ED 020 348 MF: 25¢ HC: $1.20

DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
Office of Education
Bureau of Research
Division of Comprehensive and Vocational Education Research (DCVER)
Washington, D.C. 20202

II DCVR PROJECTS RELATED TO THE "CLUSTER CONCEPT" IN VOCATIONAL EDUCATION

A. Studies by Professor Donald Maley at the University of Maryland: (These studies have dealt with three clusters of occupations: The electromechanical installation and repair cluster, the construction cluster, and the metal forming and fabrication cluster.)

Project Number	ED Number	Microfiche Price	Hard Copy Price
5-0183	010-301	$ .75	$ 5.40
5-0183	010-302	$1.25	$11.24
5-0183	010-303	$1.25	$11.36
5-0183	010-304	$1.25	$11.24
6-2312	016-841	$1.25	$12.32
6-2312	016-842	$ .75	$ 6.36
6-2312	016-843	$ .75	$ 7.20
6-2312	016-844	$ .50	$ 5.08
7-0853	022-965	$1.75	$17.60

B. Studies by Professor Gordon McCloskey at Washington State University:

Project Number	Occupational Areas	ED Number	Microfiche Price	Hard Copy Price
5-0046	Electronic Technology	010-655	$ .50	$2.84
5-0046	Office Occupations	010-656	$ .50	$2.92
5-0046	Retailing Occupations	010-657	$ .50	$4.68
5-0046	Building Trades	010-658	$ .75	$7.36
5-0046	Vocational Mathematics	010-659	$ .25	$ .60
5-0046	Food Service Occupations	010-660	$ .25	$ .80
5-0046	Child Care Occupations	010-661	$ .25	$ .88
7-0031	Child Care Occupations	021-066	$ .25	$1.76
7-0031	Farming Occupations	021-067	$ .50	$3.56
7-0031	Office Occupations	018-665	$1.00	$8.48
7-0031	Retailing Occupations	023-911	$ .50	$3.65
7-0031	Allied Health Occupations	022-958	$ .50	$4.36

C. Study by Professor William J. Schill and Joseph P. Arnold at the University of Illinois: (This study dealt with a cluster of occupations including electronic technology, chemical technology, mechanical technology, electro-mechanical technology, electro-chemical technology, and chemical-mechanical technology.)

Project Number	ED Number	Microfiche Price	Hard Copy Price
CRP-2048	001-172	$ .75	$7.25

D. Study by the American Institutes for Research and the Quincy, Massachusetts public school system:

Note: This study, Project No. 5-0009, is still in progress and no final reports are as yet available from the ERIC system. However, descriptions of the project activities are available from the U.S. Government Printing Office under Catalog No. FS 5.280:80050 (price 10 cents) and Catalog No. FS 5.280:80047 (price 30 cents). This project deals with eleven clusters of occupations: Power mechanics, metals and machines, electrical-electronic, computer data processing, general piping, general woodworking, graphic and commerical arts, business and office jobs, health occupations, food preparation and home economics.

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III

DCVR Projects Related Wholly or Partially To Community Colleges and Technical Institutes

During the period from July 1, 1964, to June 30, 1968, DCVR initiated a total of 116 projects related wholly or partially to community colleges and technical institutes. These projects are itemized on the attached list.

If a project is identified only by a project number (for example: 5-0126), the project activities are still underway and, of course, the final report is not yet available from the ERIC System.

If a project is identified both by a project number and by an ED number (for example: ED 016 074) the project activities have been completed and the final report is now available at the output end of the ERIC System. For such projects, the cost of a reproduced copy of the final report is shown, both for microfiche (MF) and hard copy (HC).

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Projects which are still underway at the present time will, upon completion, be cited in future issues of Research in Education, a monthly abstract journal published and distributed by the U.S. Government Printing Office. The citation will specify the ED number and price of the final report. Citation in Research in Education will serve as an announcement that a project has been completed and that its final report has become available at the output end of the ERIC System.

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DCVR Projects Related Wholly or Partially To Community Colleges and Technical Institutes

Project Number, ED Number, and Price	Principal Investigator and Institution	Title
5-0004	W. James Popham University of California Los Angeles, California	Performance Tests of Instructor Competence for Trade and Technical Education
5-0012 ED 012 324 MF: 25¢ HC: $1.52	Jerome Moss, Jr. University of Minnesota Minneapolis, Minnesota	The Influence of Industrial Arts Experience on Grades Earned in Post High School Trade and Technical Curriculums
5-0018 ED 003 522 MF: 50¢ HC: $2.72	Milton E. Larson Rutgers, The State University New Brunswick, New Jersey	Development of a Technological Center for Keeping Vocational Teachers Updated in Their Fields
5-0019 ED 012 396 MF: $1.25 HC: $12.68	Frederick W. Lamb Fluid Power Society Thiensville, Wisconsin	Summer Institutes in Fluid Power Education for Teachers of Vocational and Industrial Education
5-0028 ED 003 110 MF: 25¢ HC: $2.00	Forest C. Carter Colorado State University Fort Collins, Colorado	An Eight Week Summer Institute Training Program to Retrain Office Education Teachers for Teaching Business Electronic Data Processing
5-0029 ED 003 096 MF: $1.00 HC: $8.96	Theodore A. Koschler Miami-Dade Junior College Miami, Florida	An Eight Week Summer Institute Training Program to Retrain Office Education Teachers for Teaching Business Electronic Data Processing

Project Number, ED Number, and Price	Principal Investigator and Institution	Title
5-0030 ED 003 100 MF: 25¢ HC: $1.56	I. E. Valentine State Board of Education Raleigh, North Carolina	An Eight Week Summer Institute Training Program to Retrain Office Education Teachers for Teaching Business Electronic Data Processing
5-0033 ED 003 094 MF: 25¢ HC: 64¢	John L. Martinson Institute for Advancement of Medical Communication Bethesda, Maryland	A Survey of Experience to Date in Vocational Training Programs for Library Technicians
5-0035	Harold E. Mitzel and George Brandon The Pennsylvania State University University Park, Pennsylvania	Experimentation with Computer-Assisted Instruction in Technical Education
5-0040 ED 010 499 MF: 25¢ HC: 96¢	William E. Breese Wisconsin Institute of Technology Milwaukee, Wisconsin	An Eight Week Summer Institute Training Program to Retrain Office Education Teachers for Teaching Business Electronic Data Processing
5-0041 ED 003 091 MF: 25¢ HC: $2.20	Norman E. Watson Orange Coast Jr. College District Costa Mesa, California	An Eight Week Summer Institute Training Program to Retrain Office Education Teachers for Teaching Business Electronic Data Processing
5-0042 ED 015 271 MF: $1.50 HC: $16.16	H. D. Bearden Texas A & M University College Station, Texas	Development of a Technical Training Program for Industrial Radiographers
5-0062 ED 003 092 MF: 25¢ HC: $2.00	Milton E. Larson Rutgers, The State University New Brunswick, New Jersey	A Two Week Summer Institute on Industrial Instrumentation for In-Service Technical Instructors

Project Number, ED Number, and Price	Principal Investigator and Institution	Title
5-0071	W. S. Stone State University of New York Delhi, New York	Developmental Program in Animal Science
5-0073 ED 021 781 MF: 25¢ HC: $1.16	Jerry S. Dobrovolny University of Illinois Urbana, Illinois	An Eight Week Summer Training Program to Upgrade Subject Matter Competency of High School Drafting Teachers in Advanced Graphics, Statics, and Applied Mathematics
5-0093 ED 003 093 MF: 50¢ HC: $3.24	Herman M. Weisman Colorado State University Fort Collins, Colorado	Teacher Education Institute on Technical Writing
5-0116 ED 021 127 MF: 75¢ HC: $6.60	Ronald G. Taylor Ferris State College Big Rapids, Michigan	Comparison of Successful and Unsuccessful Junior College Students
5-0119 ED 010 501 MF: 25¢ HC: $1.84	Charles Joseph Turner Central Florida Junior College Ocala, Florida	Identifying Successful Technical Students in Junior Colleges
5-0120	Vernon L. Hendrix University of Minnesota Minneapolis, Minnesota	Study of Environmental Differentials of Occupational Programs in Public Junior Colleges
5-0144	F. Kendrick Bangs University of Colorado Boulder, Colorado	Curricular Implications of Automated Data-Processing for Educational Institutions

Project Number, ED Number, and Price	Principal Investigator and Institution	Title
5-0147 ED 010 593 MF: 75¢ HC: $5.84	Malcolm Richland System Development Corporation Santa Monica, California	A Study of Potential Utilization of Retiring Military Personnel in Vocational and Technical Education Programs
5-0148	Howard Nelson University of Minnesota Minneapolis, Minnesota	Characteristics of Full-Time Students in Post Secondary Trade Courses
5-0154	Antoinette Ryan Blue Mountain Community College Pendleton, Oregon	Improvement of Vocational Decision Making in the Community College
5-0158 ED 012 372 MF: 50¢ HC: $3.96	Maurice W. Roney Oklahoma State University Stillwater, Oklahoma	Development of Curriculum Guide in Electro-Mechanical Technology
5-0160	James E. Bottons Georgia State Department of Education Atlanta, Georgia	Developing a Program of Student Personnel Services for Area Vocational-Technical Schools
5-0170 ED 010 020 MF: 50¢ HC: $3.20	George H. Hieronymus Northern Virginia Technical College Fairfax, Virginia	Documenting and Evaluating the Steps in Establishing a Two-Year Technical College by Critical Path Planning Methods
5-0174	Edward V. Schten University of Wisconsin Madison, Wisconsin	State and Local Governments as Employers of Youth Trained in Vocational-Technical Schools

Project Number, ED Number, and Price	Principal Investigator and Institution	Title
5-0175 ED 016 845 MF: 75¢ HC: $6.48	Austin E. Fribance Technical Education Research Center Cambridge, Massachusetts	Development of a Curriculum Guide in Bio-Medical Equipment Technology
5-0179 ED 003 495 MF: 25¢ HC: 48¢	Austin E. Fribance Rochester Institute of Technology Rochester, New York	Industrial Instrumentation Technology for Instructors in Junior Colleges and Technical Institutes
5-0189	David Allen University of California Los Angeles, California	A Study of the Aviation Mechanics Occupation
5-0569 ED 010 120 MF: 25¢ HC: $2.04	John J. Shea Greenfield Community College Greenfield, Massachusetts	PREP--Program for Recovering and Extending Potential for High School Underachievers Seeking Entrance at a Regional Community
5-1165 ED 010 264 MF: 25¢ HC: $1.08	James D. MacConnell Stanford University Stanford, California	Design for the Future: Space in Area Vocational Schools
5-1319	Durwin M. Hanson North Carolina State University Raleigh, North Carolina	The Development of Achievement Measures for Trade and Technical Education
5-1328 ED 019 505 MF: 25¢ HC: 88¢	Robert E. Kinsinger University of the State of New York Albany, New York	A Community College Health Careers Project to Develop and Strengthen Education of Health Service Technicians

Project Number, ED Number, and Price	Principal Investigator and Institution	Title
5-1336 ED 012 830 MF: 50¢ HC: $4.64	Manuel Stillerman Bronx Community College of the City University of New York Bronx, New York	An Experimental Program to Develop a New Junior College Level Curriculum in Industrial Technology for Disadvantaged Youths
5-8371 ED 016 064 MF: 75¢ HC: $5.60	Joseph P. Arnold Purdue University Lafayette, Indiana	A Study of Recommendations for Technical Education Curricula
5-8398 ED 010 190 MF: 75¢ HC: $6.88	Bill J. Fullerton Arizona State University Tempe, Arizona	A Curriculum Development Program for a Paramedical Education Center
5-8464 ED 010 015 MF: 25¢ HC: $2.40	John L. O'Brian Rutgers - The State University New Brunswick, New Jersey	The Advanced Degree and Vocational-Technical Education Leadership (A Symposium)
6-1489	Douglas M. Fellows Ward Technical Institute University of Hartford Hartford, Connecticut	Experimental Curriculum for Electro-Mechanical Technicians in Computer and Business Machines Technology
6-1888 ED 011 932 MF: 75¢ HC: $6.32	Calvin J. Cotrell Ohio State University Columbus, Ohio	National Leadership Development Institutes in Technical Education
6-2015 ED 019 508 MF: 50¢ HC: $2.68	Louis J. Kishkunas Pittsburgh Board of Public Education Pittsburgh, Pennsylvania	Pittsburgh Technical Health Training Institute Demonstration Project

Project Number, ED Number, and Price	Principal Investigator and Institution	Title
6-2040 ED 010 666 MF: $1.00 HC: $8.40	Arthur Lee Hardwick Division of Technical Education State Board for Vocational Education Stillwater, Oklahoma	Summer Institute to Train Data Processing Teachers for the New Oklahoma State-Wide Computer Science System
6-2142 ED 010 433 MF: 25¢ HC: $1.44	Frank J. Ziol Pasadena City College, Pasadena, California	An Eight Weed Summer Institute Training Program to Train Instructors of Instrumentation Technology
6-2166	David F. Shontz University of Rhode Island Kingston, Rhode Island	A Vocational-Technical Institute Developmental Program in Commercial Fisheries
6-2193 ED 012 790 MF: $1.00 HC: $9.80	John P. Decker Arizona Health Services Education Association Phoenix, Arizona	A Functional Analysis of Paramedical Occupations as a Foundation for Curriculum Development
6-2203 ED 016 113 MF: 25¢ HC: 88¢	Theodore Pearce Fluid Power Society Thiensville, Wisconsin	Operation of Summer Institutes on Fluid Power Education for Teachers of Vocational and Technical Education
6-2211 ED 011 973 MF: 25¢ HC: 52¢	Delbert A. McKee State University of New York Agricultural and Technical College Morrisville, New York	An Eight-Week Summer Institute Training Program to Train Instructors of Instrumentation Technology
6-2238	Louis W. Kleine New Mexico State University University Park, New Mexico	Development and Testing of an Experimental Mobile Instructional Facility for Applied Courses in Engineering Technology

Project Number, ED Number, and Price	Principal Investigator and Institution	Title
6-2258	Aleene A. Cross University of Georgia Athens, Georgia	An Institute for Home Economics Teachers on Initiating, Developing, and Evaluating Programs at the Post High School Level to Prepare Food Service Supervisors and Assistants to Directors of Child Care Services
6-2278 ED 016 130 MF: $1.25 HC: $11.60	Theodore Pearce Fluid Power Society Thiensville, Wisconsin	Coordination, Administration and Evaluation of Summer Institutes on Fluid Power Education for Teachers of Vocational and Technical Education
6-2329	E. C. Merrill and Wendell H. Russell University of Tennessee Knoxville, Tennessee	An Experimental Pre-Service and In-Service Program for Training of Vocational and Technical Teachers
6-2332 ED 017 726 MF: 25¢ HC: $1.80	Arthur Carlson and Milton Boldt Milwaukee Vocational Technical and Adult Schools Milwaukee, Wisconsin	An Eight Week Seminar in an Introduction to Numerical Control on Two-and Three-Axis Machine Tools for Vocational and Technical Machine Tool Instructors
6-2336	Hugh G. Wales University of Illinois Urbana, Illinois	A Research and Developmental Program for Training in Micro-Precision Skills
6-2355 ED 021 556 MF: 50¢ HC: $4.16	Peter G. Meek National Health Council New York, New York	American Association of Junior Colleges-National Health Council Committee on Health Technology Education
6-2357	William F. Lawrence State University of New York Plattsburgh, New York	Planning to Accomplish Research and Program Development Tasks for an Experimental Two-Year Vocational-Technical Community College

Project Number, ED Number and Price	Principal Investigator and Institution	Title
6-2437	Lewis E. Wall Colorado State University Fort Collins, Colorado	A Study of the Effectiveness of Federally Supported Business Data Processing Summer Institutes
6-2444 ED 016 079 MF: 50¢ HC: $4.00	Forbes W. Polliard Indianapolis Hospital Development Association Indianapolis, Indiana	Feasibility of a Systematic Study of Manpower Requirements and Educational and Training Programs of Selected Health Occupations
6-2652 ED 011 052 MF: 25¢ HC: $1.88	A. R. Baralt, Jr. University of Detroit Detroit, Michigan	Pilot Vocational Teacher Training Institute in Dental Assisting, Summer 1966
6-2653 ED 010 334 MF: 50¢ HC: $3.16	Roger E. Barton University of North Carolina Chapel Hill, North Carolina	Pilot Vocational Teacher Training Institute in Dental Assisting, Summer 1966
6-2662 ED 010 335 MF: 50¢ HC: $3.44	Howard Sidney Agricultural and Technical College State University of New York Cobleskill, New York	A Training Institute for Teachers of Technical Programs in Agriculture.
6-2664	Grace L. Nangle State Department of Education Boston, Massachusetts	A Conference on New Educational Curricula for Sub-Professional Personnel in the Health Services
6-2840	J. M. Cummings New Jersey State Department of Education Trenton, New Jersey	Development of Multi-Media Programmed Instructional Materials for the Training of Law Enforcement Officers

Project Number, ED Number, and Price	Principal Investigator and Institution	Title
6-2851	William J. Schill University of Illinois Urbana, Illinois	Work - Study Programs; Conduct and Consequences
6-3003	J. K. Little and others University of Wisconsin Madison, Wisconsin	An Evaluation of Effectiveness of Vocational and Technical Education in the United States
6-8254 ED 011 971 MF: 75¢ HC: $6.04	Alexander Schure New York Institute of Technology Old Westb[illegible]y, L. I., New York	Preliminary Investigation of Communication-Linked Techniques for Off-Campus Teaching of Vocational and Technical Subjects
6-8255 ED 011 972 MF: 25¢ HC: $1.96	George S. Whitney American Technical Education Association, Inc. Delmar, New York	The Development and Testing of Instruments and Procedures for a Study of Student Selection Practices in Technical Education Programs
6-8302	Milo E. Van Hall Agricultural and Technical College Alfred, New York	A Comprehensive Project to Develop a Complete Curriculum in the Area of Medical Records Technician
6-8303 ED 010 075 MF: 25¢ HC: 56¢	Milo E. Van Hall State University of New York Alfred, New York	Conference on Methods of Increasing Student Achievement in Technical Preparatory Programs
6-8320 ED 017 722 MF: 75¢ HC: $6.12	Arthur K. Jensen Clemson University Clemson, South Carolina	An Improved Procedure for Producing Overhead Transparencies for Vocational Education

Project Number, ED Number, and Price	Principal Investigator and Institution	Title
6-8327 ED 019 477 MF: 50¢ HC: $3.28	Wilmot F. Oliver Rutgers - The State University New Brunswick, New Jersey	An Evaluation of Information Feedback Effectiveness with Teachers
6-8420 ED 013 644 MF: 25¢ HC: $1.96	John Warren Hekanson University of California Berkeley, California	Individual Characteristics and Their Relationship to Achievement in Junior College Vocational Students
6-8498 ED 014 569 MF: $1.00 HC: $8.88	Ernest H. Dean Utah Trade-Technical Institute Provo, Utah	Implications of Vocational Education for Plant Site Location
6-8590 ED 015 302 MF: 50¢ HC: $3.72	Richard J. Vasek Mississippi State University State College, Mississippi	Analysis of Electronic Technology Curriculum Content in Public Post High School Technical Institutes and Employer Requirements
6-8810	Ronald K. Edwards Michigan State University East Lansing, Michigan	Effects of Mechanically Forcing Copying Speeds on the Learning of Elementary Gregg Shorthand
7-0074	John L. Feirer Western Michigan University Kalamazoo, Michigan	Development of Junior-Community College Curricula for Future Teachers of Industrial Education
7-0048	Leland L. Medsker University of California Berkeley, California	Problems and Issues in Accreditation by Specialized Agencies of Vocational-Technical Curricula in Post Secondary Institutions

Project Number, ED Number, and Price	Principal Investigator and Institution	Title
7-0095	Edith Lynton National Committee on Employment of Youth New York, New York	Concepts and Practices in the Education, Training and Utilization of Subprofessional Workers
7-0192	Randy H. Hamilton Institute for Local Self Government Berkeley, California	Municipalities as a Model for New Careers and Re-Direction of Vocational-Technical Education Programs
7-0313	J. Paschal Twyman and James Potchen Technical Education Research Center, Inc. Waco, Texas	Development of Career Opportunities for Technicians in the Nuclear Medical Field
7-0329	Dietrich Reitzes YMCA of Metropolitan Chicago Chicago, Illinois	Social Service Aide Project for the Education and Training of Subprofessionals
7-0382	Ruth J. Dales and Anne G. Buis Florida State University Tallahassee, Florida	Institute on Post-High School Programs in Home Economics Education Utilizing the Resource Guide Care and Guidance of Children
7-0435 ED 016 859 MF: $1.25 HC: $12.00	Alex G. Morphonios Miami-Dade Junior College Miami, Florida	Computer-Aided Drafting and Design - Summer Institute
7-0452	Aaron J. Miller Ohio State University Columbus, Ohio	Program Development Institutes in Technical Education

Project Number, ED Number, and Price	Principal Investigator and Institution	Title
7-0463	L. C. Alexander Marquette University Milwaukee, Wisconsin	Teacher Training Institute in Dental Assisting
7-0528 ED 017 729 MF: 75¢ HC: $5.56	Joseph Arnold Purdue University West Lafayette, Indiana	A Summer Institue for the Improvement of Technical Teacher Education Programs
7-0544	Carl F. Lamar University of Kentucky Lexington, Kentucky	A Clinical Workshop in Mental Health and Psychiatric Nursing for Instructors in Schools of Practical Nursing
7-0558	H. E. Davis Georgia State College Atlanta, Georgia	A Two-Week Institute to Improve and Develop Content, Format and Procedures for Vocational and Technical Education Public Information Programs
7-0635	R. W. Coon National Committee for Careers in Medical Technology Washington, D.C.	Medical Laboratory Assistant Teacher Education Institute - Pilot Program
7-0654	Doris L. Berryman New York University New York, N.Y.	Development of Educational Programs for New Careers in Recreation Services for the Disabled
7-0658 ED 016 112 MF: 50¢ HC: $4.52	J. Clark Davis University of Nevada Reno, Nevada	Materials and Structural Design Seminar (An Overview for Vocational School Facility Planning)

Project Number, ED Number, and Price	Principal Investigator and Institution	Title
7-0773	Ralph E. Bender Ohio State University Columbus, Ohio	Agricultural Occupations Program Development in Area Vocational Schools
7-0822	Francis Tuttle State Board for Vocational Education Stillwater, Oklahoma	Summer Institute to Train Data Processing Teachers for the New Oklahoma State-Wide Computer Science System - Phase II
7-0973	Roy W. Dugger and Edmund P. Garvey Technical Education Research Center, Inc. Waco, Texas	Development and Evaluation of Educational Programs in Bio-Medical Equipment Technology
7-1059	John W. Sullivan Association for Educational Data Systems Washington, D.C.	The Relationship of ADP Training Curriculum and Methodology in the Federal Government
7-8021 ED 016 129 MF: 50¢ HC: $2.40	Karl B. Schnelle, Jr. Instrument Society of America Pittsburgh, Pennsylvania	An Evaluation of a Summer Training Program for Instructors of Instrumentation Technology
7-8374	Edward Jakabauskas Iowa State University Ames, Iowa	Demonstration of Research-Conference Procedures for Estimating Health Manpower Requirements and in Evaluating Educational and Training Programs for Selected Health Occupations in Non-Metropolitan Areas
7-9000	D. G. Lewis General Learning Corporation Washington, D.C.	A Feasibility Study of a Central Computer Facility for an Educational System

Project Number, ED Number, and Price	Principal Investigator and Institution	Title
7-9001	J. L. Stone International Business Machines Corporation Washington, D.C.	Feasibility Study for a Remote-Terminal, Centralized Computer System
8-0008	Howard Sidney Agricultural and Technical College Cobleskill, New York	Methods of Teaching Agricultural Occupations in Community Colleges and Area Vocational Schools
8-0042	James D. Piper Portland Cement Association Chicago, Illinois	Development and Evaluation of a Concrete Technology Curriculum (Phase I)
8-0219	Maurice W. Roney Technical Education Research Center, Inc. Waco, Texas	Development and Evaluation of Educational Programs in Electro-Mechanical Technology
8-0301	James H. Straubel The Aerospace Education Foundation Washington, D.C.	The Evaluation of Three U.S. Air Force Instructional Systems Within Civilian Education
8-0384	Aaron J. Miller Ohio State University Columbus, Ohio	National Program Development Institutes in Technical Education
8-0446	Alexander Schure New York Institute of Technology Old Westbury, L. I., New York	Development of a Multi-Media Course in Physics for the U.S. Naval Academy

Project Number, ED Number, and Price	Principal Investigator and Institution	Title
8-0447	J. Sterling Livingston Sterling Institute Washington, D.C.	Development of a Multi-Media Course in Economics for the U.S. Naval Academy
8-0448	Donald T. Tosti Westinghouse Learning Corporation Bladensburg, Maryland	Development of a Multi-Media Course in Leadership for the U.S. Naval Academy
8-0460	Lewis D. Holloway University of Iowa Iowa City, Iowa	Teacher Education Institute for New Health Occupations Education Teachers
8-0491	Roy W. Dugger Technical Education Research Center, Inc. Waco, Texas	Development of Generalizable Educational Programs in Laser and Electro-Optical Technology
8-0556	George Parkinson Milwaukee Technical College Milwaukee, Wisconsin	Evaluation of Residential Schools and Essential Factors which Contribute to Their Operation
8-0627	Melvin L. Barlow University of California Los Angeles, California	Development and Validation of Instructional Programs for the Allied Health Occupations
8-0688	Anna L. Hyer National Education Association Washington, D.C.	Manpower and Instructional Media: A Study of Jobs, Personnel, and Training

Project Number, ED Number, and Price	Principal Investigator and Institution	Title
8-0714	Cleveland L. Dennard Washington Technical Institute Washington, D. C.	Individualized Youth Education for Careers in Criminal Justice
8-0715	J. Douglas Grant New Careers Development Organization Oakland, California	Development of New Careers Ladders, with Appropriate Education Components, in the Administration of Justice
8-8018	James H. Straubel Aerospace Education Foundation Washington, D. C.	Feasibility of Adapting Three Air Force Courses for Civilian Use
8-8052	Eli E. Cohen National Committee on Employment for Youth New York, New York	A Project for Abstracting and Popularizing "The Subprofessional: From Concepts to Careers"
8-9011	Herbert S. Bright Computation Planning Inc. Bethesda, Maryland	A Single Integrated Central Computer System for Secondary and Junior College Institutions

DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
Office of Education
Bureau of Research
Division of Comprehensive and Vocational Education Research (DCVER)
Washington, D. C. 20202

I. FOUR YEARS OF RESEARCH, DEVELOPMENT, AND TRAINING

DCVER Projects Completed Between July 1, 1964 and June 30, 1968

As of June 30, 1968, the projects on the attached list had been completed and the final reports on the projects had been delivered to the ERIC System.

If a project is identified only by a project number (for example: 5-0073), the final report is still being processed by the ERIC staff and is not yet available at the output end of the ERIC System.

If a project is identified both by a project number and by an ED number (for example: ED 010 013), the final report has been fully processed and is now available at the output end of the ERIC System. For such projects, the cost of a reproduced copy of the final report is shown, both for microfiche (MF) and hard copy (HC).

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Office of Education
Bureau of Research
Division of Comprehensive and Vocational Education Research (DCVR)
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IV. DCVR Projects Related to Curriculum Development

During the period from July 1, 1964 to June 30, 1968, DCVR initiated a total of 76 projects related to curriculum development. These projects are itemized on the attached list.

If a project is identified only by a project number (for example: 5-0126), the project activities are still underway and, of course, the final report is not yet available from the ERIC System.

If a project is identified both by a project number and by an ED number (for example: ED 016 074) the project activities have been completed and the final report is now available at the output end of the ERIC System. For such projects, the cost of a reproduced copy of the final report is shown, both for microfiche (MF) and hard copy (HC).

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Prepared: 5/19/69

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DCVR PROJECTS RELATED TO CURRICULUM DEVELOPMENT

Project Number, ED Number, and Price	Principal Investigator and Institution	Title
5-0005	Harry A. Becker Norwalk Board of Education Norwalk, Conn.	A Pilot Project to Develop a Program of Occupational Training for School Alienated Youth
5-0009	F. Coit Butler American Institute for Research Pittsburgh, Pa.	Development and Evaluation of an Experimental Curriculum for the New Quincy (Mass.) Vocational-Technical School
5-0022	Gene M. Love Pennsylvania State University University Park, Pa.	Development and Evaluation of Instructional Units in Ornamental Nursery, Floriculture and Turf Occupations for the Northwestern United States
5-0026 ED 010 019 MF: 25¢ HC: $2.16	June Cozine Oklahoma State University Stillwater, Okla.	Approaches in Assessing Needs for, Content of, and Factors to Consider in Offering Home Economics Courses for Gainful Employment
5-0031 ED 010497 MF: 50¢ HC: $4.12	Robert E. Taylor The Ohio State University Columbus, Ohio	Improvement of Curricula for Teaching Non-Farm Agricultural Occupations

Project Number, ED Number, and Price	Principal Investigator and Institution	Title
5-0037 ED 016 850 MF: 75¢ HC: $5.36	William F. Stover Ohio Trade and Industrial Education Service Columbus, Ohio	Using the Printing Trade as a Pilot Area for the Development of a National Vocational-Technical School Achievement Testing Program
5-0042 ED 015 271 MF: $1.50 HC: $16.16	H.R. Bearden Texas A&M University College Station, Texas	Technical Training for Industrial Radiographers
5-0059 ED 013 949 MF: 25¢ HC: $1.62	Edward R. Towers Ohio State University Columbus, Ohio	An Industrial Arts Curriculum Project for the Junior High School
5-0061 ED 017 689 MF: 50¢ HC: $4.76	John Dailey The George Washington University Washington, D.C.	Development of a Curriculum and Materials for Teaching Basic Vocational Talents
5-0063 ED 016 075 MF: 25¢ HC: $2.00	Elliott D. Becker School District 549C Medford, Oregon	Revised Instructional Program for "Slow Learners" to Improve Their Job Placement
5-0071	W. Stone State University of N.Y. Delhi, N.Y.	Developmental Program in Animal Science
5-0090 ED 010 368 MF: 25¢ HC: $1.80	Elizabeth Simpson University of Illinois Urbana, Illinois	The Classification of Education Objectives, Psychomotor Domain

Project Number, ED Number, and Price	Principal Investigator and Institution	Title
5-0115	Lloyd Benham Hudson Public Schools Hudson, Ohio	Experimental and Developmental Study of a Four-Year Comprehensive Vocational Education Program
5-0129	Margaret McKinley and Hester Chadderdon Iowa State University Ames, Iowa	Curriculum Development and Training Program for Food Service Employees
5-0158 ED 012 372 MF: 50¢ HC: $3.96	Maurice W. Roney Oklahoma State University Stillwater, Okla	Development of Curriculum Guide in Electro-Mechanical Technology
5-0161 ED 022 911 MF: 75¢ HC: $6.40	Harold R. Cushman Cornell University Ithaca, N.Y.	The Development and Improvement of Directed Work-Experience Programs in Expanded Vocational Education Offerings in Agriculture at the Secondary Level
5-0163 ED 023 207 MF: 25¢ [illegible]C: $1.35	Marvin C. Groelle Oakland Unified School District Oakland, Calif.	A Pilot Project in Curriculum Development for "Work Experience" and "Occupations" Courses for Educable Mentally Retarded Students
5-0165 ED 013 122 MF: 50¢ HC: $4.92	Naomi LeB. Naylor Southern Illinois University Edwardsville, Ill.	Curriculum Development Program for Preschool Teacher Aides
5-0166	Lucy Crawford Virginia Polytechnic Institute Blacksburg, Va.	A Competency Pattern Approach to Curriculum Construction in Distributive Teacher Education

Project Number, ED Number, and Price	Principal Investigator and Institution	Title
5-0171 ED 010 161 MF: 75¢ HC: $6.44	John L. O'Brian Rutgers, The State University New Brunswick, N. J.	The Development of a Master Teacher Training Curriculum for Teachers of Occupational Level Training Programs
5-0175 ED 016 845 MF: 75¢ HC $6.48	Austin E. Fribance Technical Education Research Center Cambridge, Mass.	Development of a Curriculum Guide for Bio-Medical Equipment Technology
5-0183 ED 010 301 MF: 75¢ HC: $5.40	Donald Maley University of Maryland College Park, Md.	An Investigation and Development of the Cluster Concept as a Program in Vocational Education at the Secondary School Level
5-0188 ED 020 439 MF: $1.25 HC: $12.34	J. N. Swanson University of Colorado Boulder, Colo.	Scientific Secretary Training Program Development
5-0189	David Allen University of California Los Angeles, Calif.	A Study of the Aviation Mechanics Occupation
5-0191	Robert A. Walker Minneapolis Rehabilitation Center, Inc. Minneapolis, Minn.	The Development of Specialized Educational Programs for Poor Learners for Use in Non-Educational Settings
5-0192 ED 010 014 MF: 25¢ HC: $1.64	Don D. Bushnell Brooks Foundation Santa Barbara, Calif.	The Development and Evaluation of Educational Systems Packages for the Occupational Training of Depressed Area Students in Five Basic Subject Areas

Project Number ED Number, and Price	Principal Investigator and Institution	Title
5-0749	Lassar G. Gotkin New York Medical College New York, N. Y.	The Development of a Beginning Reading Skills Program
5-1203 ED 022 056 MF: $2.25 HC: $24.52	Robert L. Darcey Ohio University Athens, Ohio	An Experimental Junior High School Course in Occupational Opportunities and Labor Market Processes
5-1316 ED 016 073 MF 75¢ HC $6.68	Hilda Watson Gifford Council on Hotel, Restaurant and Institutional Education Ithaca, N. Y.	Status of Curriculum Development in the Field of Commerical Foods on the Non-Baccalaurate Degree Level
5-1319	Thomas S. Baldwin University of Illinois Urbana, Illinois	The Development of Aptitude and Achievement Measure for Trade and Technical Education
5-1327	Charles E. Peck University of Washington Seattle, Wash.	Survey to Determine Appropriate Occupational Training Programs in the Field of Distribution and Marketing at Various Levels of Education
5-1335	G. E. Henderson University of Georgia Athens, Ga.	The Development and Evaulation of Teaching Texts:"Operation, Maintenance, and Repair of Air Cooled Gasoline Engines"
5-1336 ED 012 830 MF: 20¢ HC: $4.64	Manuel Stillerman Bronx Community College Bronx, New York	Operation Giant Step: Research in a New Remedial Program and Community College Industrial Technology Curriculum For the Disadvantaged

Project Number, ED Number, and Price	Principal Investigator and Institution	Title
5-8267 ED 003 851 MF: 09¢ HC: $1.00	Raymond B. Russell Kansas State Teachers College Emporia, Kansas	Development of a Programmed Text in Salesmanship for Feasibility Testing
5-8271 ED 022 022 MF: 75¢ HC: $5.44	Kay M. Howell Michigan State University Lansing, Michigan	Teaching Vocational and Citzenship Education in Social Studies
5-8277 ED 010 256 MF: 50¢ HC: $4.40	Patsy McMurtrie San Francisco State College San Francisco, Calif.	Development and Evaluation of a One-Semester Stenographer Course: Phase One of a Two-Phase Program
5-8371 ED 016 064 MF: 75¢ HC: $5.60	Joseph P. Arnold Purdue University Lafayette, Inc.	A Study of Recommendations for Technical Education Curricula
5-8398 ED 010 190 MF: 75¢ HC: $6.86	Bill J. Fullerton Arizona State University Tempe, Ariz.	The Identification of Common Courses in Paramedical Education
6-1458 ED 024 763 MF: 75¢ HC: $8.95	E. Smith and Others Florida State University Tallahassee, Florida	The Development of Pre-Vocational Education Literacy Courses for Use with Computer-Assisted Instruction of Disadvantaged Youths and Adults
6-1484 ED 010 420 MF: 50¢ HC: $3.28	Frank Evans Negro American Labor Council Cleveland, Ohio	A Curriculum Development Study of the Effectivieness of Up-Grading the Technical Skills of Educationally Disadvantaged Union Members

Project ED Number, and Price	Principal Investigator and Institution	Title
6-1489 ED 022 926 MF: 50¢ HC: $4.68	Douglas M. Fellows Ward Technical Institute Hartford, Conn.	Experimental Curriculum for Electro-Mechanical Technicians in Computer and Business Machines Technology
6-1659 ED 023 913 MF: 50¢ HC: $5.10	Meredith Crawford George Washington University Washington, D.C.	The Design and Evaluation of Vocational-Technical Education Curriculum Through Functional Job Analysis
6-2159 ED 011 974 MF: 25¢ HC: $2.28	Stephen A. Konz Kansas State University Manhattan, Kansas	Work Instruction Programs for Food Industry
6-2166	David F. Shontz and Andreas Holmsen University of Rhode Island Kingston, R.I.	A Vocational Technical Institute Developmental Program for Commercial Fisheries
6-2238	Louis W. Kleine New Mexico State University University Park, N.M.	Development and Testing of an Experimental Mobile Instructional Facility for Applied Courses in Engineering Technology
6-2312 ED 016 841 MF: $1.25 HC: $12.82	Donald Maley University of Maryland College Park, Md.	The Preparation of Curriculum Materials and Development of Teachers for an Experimental Application of the Cluster Concept of Vocational Education at the Secondary Level
6-2336 ED 022 927 MF: $1.00 HC: $10.18	Hugh C. Wales University of Illinois Urbana, Ill.	A Research and Development Program for Training in Micro-Precision Skills

Project Number, ED Number, and Price	Principal Investigator and Institution	Title
6-2355	Carol Kahler National Health Council New York, N.Y.	Investigation to Produce Guidelines for Health Technology Program Planning
6-2664	Grace Nangle State Department of Education Boston, Mass.	A Conference on New Educational Curricula for Sub-Professional Personnel in Health Services
6-2777	Donald D. Bushnell Brooks Foundation Santa Barbara, Calif.	The Production and Validation of Education Systems Packages for Occupational Training of Depressed Area Students
6-2840	John M. Cummings State Department of Education Trenton, N.J	Development of Multi-Media Programmed Instructional Materials for the Training of Law Enforcement Officers
6-8302 ED 024 779 MF: 50¢	Robert Cove State University of New York Alfred, N.Y.	A Comprehensive Project to Develop a Complete Curriculum in the Area of Medical Records Technician
6-8763 ED 014 552 MF: 75¢ HC: $7.32	Richard Barker Ohio State University Columbus, Ohio	Development and Evaluation of Instructional Units for Teaching Profit-Maximizing Principles in Vocational Agriculture
7-0074	John L. Feirer Western Michigan University Kalamazoo, Mich.	Development of Junior-Community College Curricula for Future Teachers of Industrial Education
7-0211	Peter G. Haines Michigan State University East Lansing, Mich.	Continuation of a Developmental Vocational Education Research and Teacher Education Program Based on a Clinical Concept

68.

Project Number, ED Number, and Price	Principal Investigator and Institution	Title
7-0655	Wallace W. Douglas Northwestern University Evanston, Illinois	English Curriculum Study and Dissemination Center
7-0758	Edgar Person University of Minnesota Minneapolis, Minn.	Development and Demonstration of Innovations in Adult Agricultural Education
7-0773	Ralph Bender Ohio State University Columbus, Ohio	Agricultural Occupations Program Development in Area Vocational Schools
7-0853	Donald Maley University of Maryland College Park, Md.	Implementation and Further Development of Experimental Cluster Concept
7-0973	Roy W. Dugger Technical Education Center, Inc. Waco, Texas	Development and Evaluation of Educational Programs in Bio-Medical Equipment Technology
7-1223	F. Harry Huffman Ohio State University Columbus, Ohio	A Planning Study to Determine the Feasibility of Developing a New Business and Office Education Curriculum
7-1323	Rowan C. Stutz Western States Small School Project Salt Lake City, Utah	Development and Evaluation of Experimental Integrated Career Development Curricula for Isolated Small Schools
8-0042	Howard C. Wiechman Portland Cement Association Chicago, Ill.	Development of Course Content and Teaching Guides for a Total Curriculum in Concrete Technology
8-0157	Alexander Schure N.Y. Institute of Technology New York, N.Y.	A Computer Managed System for Individualizing and Optimizing Education

Project Number, ED Number, and Price	Principal Investigator and Institution	Title
8-0219	Roy W. Dugger Technical Education Research Center, Inc. Waco, Texas	Development and Evaluation of Education Programs in Electro-Mechanical Technology
8-0301	James H. Strobel Aerospace Education Foundation 1750 Pennsylvania Avenue, N.W. Washington, D.C.	The Evaluation of Three U.S. Air Force Instructional Systems within Civilian Education
8-0334	Bruce W. Tuckman Rutgers-The State University New Brunswick, N.J.	Study of Curriculum for Occupational Preparation
8-0414	Frank W. Lanham Ohio State University Columbus, Ohio	Development of Performance Goals for a New Office and Business Education Learning System
8-0446	Alexander Schure New York Institute of Technology New York, N.Y.	Development of a Multi-Media Course in Physics for the U.S. Naval Academy
8-0447	J. Sterling Livingston Sterling Institute Washington, D.C.	Development of a Multi-Media Course in Economics for the U.S. Naval Academy
8-0448	Donald T. Tosti Westinghouse Learning Corp. Bladensburg, Md.	Development of a Multi-Media Course in Leadership for the U.S. Naval Academy
8-0457	Alan F. Westin Columbia University Teachers College New York, N.Y.	Development of Objectives for Citizenship Education
8-0627	Melvin L. Barlow University of California Los Angeles, Calif.	Development and Evaluation of Instructional Programs for Allied Health Occupations

Project Number, ED Number, and Price	Principal Investigator and Institution	Title
8-0653	Marilyn Wendt Bloomfield Hills, Michigan, School District Bloomfield Hills, Mich.	A Study to Design, Develop, Implement, and Revise Specific Measurable Performance Objectives to Serve as a Model to Individualized Instruction For Secondary Schools
8-0714	Cleveland L. Dennard Washington Technical Institute Washington, D.C.	Individualized Youth Education for Careers in Criminal Justice
8-8018	James H. Straubel Areospace Education Foundation Washington, D.C.	Feasibility of Adapting Three Air Force Courses for Civilian Use

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V

DCVR Projects Related to the DISADVANTAGED

During the period from July 1, 1964, to June 30, 1968, DCVR initiated a total of fifty-four projects related to the disadvantaged. These projects are itemized on the attached list.

If a project is identified only by a project number (for example: 5-0126), the project activities are still underway and, of course, the final report is not yet available from the ERIC System.

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D

DCVR PROJECTS RELATED TO THE DISADVANTAGED

Project Number, ED Number, and Price	Principal Investigator and Institution	Title
5-0006	Theodore K. Steele New York Institute of Technology New York City	Experimental Program for Training and Re-Training of Older Workers, Unemployed Youths, and Disadvantaged Sections of the Population
5-0050	Nicholas H. Borata Dade County Public Schools Miami, Florida	Learning Laboratory to Teach Basic Skills in a Culturally Deprived Area
5-0057 ED 003 095 MF: $1.00 HC: $10.20	Paul M. Hodgson Delaware State Department of Public Instruction, Vocational Technical Division Dover	Teacher Education for Rural Low Achieving Disadvantaged Junior High School Students
5-0091 ED 010 069 MF: 75¢ HC: $5.72	Grace M. Henderson Pennsylvania State University	Conference on Home Economics Program Development for Disadvantaged Youth and Their Families
5-0124 ED 010 074 MF: 50¢ HC: $2.72	Thomas J. Sweeney University of South Carolina, Columbia South Carolina	A Developmental Program for Vocational Counselors Directed Toward Serving Disadvantaged Youth More Effectively

74.

D

Project Number, ED Number, and Price	Principal Investigator and Institution	Title
5-0125	Lloyd J. Phipps University of Illinois, Urbana	Improved Opportunities for Disadvantaged Youth Through Vocationally Oriented Education
5-0145 ED 003 494 MF: 50¢ HC: $3.48	C. R. Jeffery Washington School of Psychiatry Washington, D.C.	Preparation of the Disadvantaged for Vocational Training
5-0146 ED 011 970 MF: 50¢ HC: $3.00	John Harp Cornell University Ithaca, New York	Post High School Migration and Vocational Choice Patterns of Students From an Economically Depressed Area
5-0156	Sara Blackwell Cornell University	Anxiety, Disorientation, and Isolation and Their Effects on Disadvantaged Youth in Upper New York State
5-0167 ED 019 506 MF: 50¢ HC: $4.80	Marjorie East Pennsylvania State University, University Park, Pennsylvania	An Experience with the Life and Work of the Disadvantaged for the Pre-service Education of Home Economics Teachers
5-0192 ED 010 014 MF: 25¢ HC: $1.64	Don D. Bushnell Brooks Foundation Santa Barbara, California	The Development and Evaluation of Educational Systems Packages for the Occupational Training of Depressed Area Students in Five Basic Subject Areas (Pilot Phase)

D

Project Number, ED Number, and Price	Principal Investigator and Institution	Title
5-0197	Ruth Dales Florida State University Tallahassee, Florida	Factors Related to Educational and Occupational Aspirations of Early Adolescent Males from Culturally Deprived Families
5-0243	Paul Lawrence, Auxiliary Enterprises, Inc. California State College Hayward, California	Establishment of Three Centers to Improve the Preparation of Teachers of Culturally Disadvantaged Students, Emphasizing Technical Vocational Education
5-0866 ED 013 277 MF: 25¢ HC: 96¢	Henry S. Breitrose Stanford University	Production of a Motion Picture for the Inservice Training of Teachers in Problems of Human Relations in Teaching the Socioeconomically Disadvantaged
5-1006	Edgar C. Epps University of Michigan Ann Arbor, Michigan	Family and Achievement: A Proposal to Study the Effect of Family Socialization on Achievement Orientation and Performance Among Urban Negro Americans
5-1163 ED 016 791 MF: 75¢ HC: $6.12	Robert L. Gibson Indiana University Foundation Bloomington, Indiana	A Comparison of Techniques for the Solution of Similar Educational-Vocational Problems of Disadvantaged Youth in Great Britain and the United States

D

Project Number, ED Number, and Price	Principal Investigator and Institution	Title
5-1215 ED 010 181 MF: 75¢ HC: $5.92	Lloyd J. Phipps University of Illinois Urbana, Illinois	A Study in Communication Between High School Teachers of Vocational Agriculture and Socioeconomically Disadvantaged Youth by Use of the Semantic Differential
5-1336 ED 012 830 MF: 50¢ HC: $4.64	Manuel Stillerman Bronx Community College of the City University of New York Bronx, New York	An Experimental Program to Develop a New Junior College Level Curriculum in Industrial Technology for Disadvantaged Youths
6-1231	Harold Mendelsohn University of Denver Denver, Colorado	Utility of Educational Television in Meeting the Informational Needs of the Disadvantaged
6-1458	E. Smith, E. Hankin & T. Smith Florida State University Tallahassee, Florida	The Development of Pre-Vocational Education Literacy Courses for Use With Computer Assisted Instruction of Disadvantaged Youths and Adults
6-1484 ED 010 430 MF: 50¢ HC: $3.28	Frank Evans Negro American Labor Council Cleveland, Ohio	A Curriculum Development Study of the Effectiveness of Up-Grading the Technical Skills of Educationally Disadvantaged Union Members

Project Number, ED Number, and Price	Principal Investigator and Institution	Title
6-1936 ED 016 096 MF: 50¢ HC: $4.28	P. G. Garrett University of Missouri Columbia, Missouri	Interdisplinary Approach to Preparing Home Economics Leaders for Emergining Programs Serving Disadvantaged Youth and Adults
6-1831 ED 016 097 MF: $1.00 HC: $8.56	Donald A. Sommerfeld Muskegon City Public Schools Muskegon, Michigan	An Evaluation of Vocational Education for Disadvantaged Youth
6-8162 ED 015 225 MF: $50¢ HC: $2.60	Marcia Halvorsen Spelman College Atlanta, Georgia	An Analysis and Interpretation of Data on the Social Characteristics of Residents of "Vine City", an Urban Negro Slum.
6-2777	Donald D. Bushnell Brooks Foundation Santa Barbara, California	The Production and Validation of Education Systems Packages for Occupational Training of Depressed Area Students
5-0171 ED 010 161 MF: 75¢ HC: $6.44	John L. O'Brian, Rutgers, The State University New Brunswick, New Jersey	The Development of a Master Teacher Training Curriculum for Teachers of Occupational Level Training Programs
5-0005	Harry A. Becker Norwalk Board of Education Norwalk, Connecticut	A Pilot Project to Develop a Program of Occupational Training for School Alienated Youth

D

Project Number, ED Number, and Price	Principal Investigator and Institution	Title
5-0003	Frank D. Scrensen Quincy Youth Development Commission and the Quincy Public Schools Quincy, Illinois	A Demonstration Training Program for Potential School Dropouts
5-0050	Nicholos Borota Central District Dade County Public Schools Miami, Florida	Learning Laboratory to Teach Basic Skills in a Culturally Deprived Area
5-0063 ED 016 075 MF: 25¢ HC: $2.00	Elliott D. Becken School District 549C Medford, Oregon	Revised Instructional Programs for "Slow Learners" to Improve Their Job Placement Opportunities
5-0114	Robert H. Zeller State Department of Public Instruction Springfield, Illinois	Use of a Mobile Vocational Guidance Unit--A Pilot Project
5-0187	Raymond V. Nord Minneapolis Public Schools Minneapolis, Minnesota	A Pilot Study of a Work Opportunity Center
5-0196	R. L. Kahn University of Michigan Ann Arbor, Michigan	Study of Youth in High School, at Work and Unemployed
5-1170	Archibald O. Haller College of Agriculture University of Wisconsin Madison, Wisconsin	Development of Instruments to Measure the Relation Between Expectations of Others and Levels of Educational and Occupational Aspiration of Youth

D

Project Number, ED Number, and Price	Principal Investigator and Institution	Title
5-1312	Winthrop R. Adkins Sidney Rosenberg Paul Sharar Timothy P. Dineen Training Resources for Youth, Inc. Brooklyn, New York	Project TRY
6-8902	Leland J. Winger Utah State Board for Vocational Education Salt Lake City, Utah	The Application of a Special Counseling Technique to Maladjusted Under-Achievers
6-2958 ED 010 620 MF: 50¢ HC: $4.40	Harry Handler Los Angeles Unified School Los Angeles, California	Occupational Training Centers for 16-18 Year-Old Youth
6-8576 ED 016 095 MF: 75¢ HC: $7.48	Robert J. Gregory Syracuse University Syracuse, New York	The Application for Employment and for Seeking Success among Educable Mentally Retarded Youth
6-1136	Don A. Brown State University of New York	A Literacy Program for Adult Illiterates
6-8675 ED 016 156 MF: 50¢ HC: $3.84	Edwin Smith Florida State University Tallahassee, Florida	A Proposal for a Pilot Study to Develop and Determine the Feasibility of a Packaged Materials Program for Teaching Reading and the General Development Area of Adult Basic Education

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Project Number, ED Number, and Price	Principal Investigator and Institution	Title
6-8902	Leland J. Winger State Board for Vocational Education Oquirrh School Project Salt Lake City, Utah	The Application of a Special Counseling Technique to Maladjusted Under-Achievers
7-0527	Carl Lamar University of Kentucky Lexington, Kentucky	Seminar for Supervisors and Teacher Educators for Persons with Special Needs
7-8456	David S. Coltrane North Carolina Governor's Good Neighbor Council	Raleigh-Durham Area Vocational Guidance Institute for Counselors of Minority Youth
8-0085	Robert Alan Rosenthal Harvard Graduate School of Education Cambridge, Massachusetts	Pathways to Identity: The Development of Aspirations and Values in Urban Negro Adolescents
8-8049	Allen Stewart The Bridge Warrenton, Virginia	Institute on Intercultural Understanding for Secondary School Teachers
6-3049	Julia Dalrymple The Ohio State University Columbus, Ohio	The Efficacy of Home Economics Courses Designed to Prepare Disadvantaged Pupils for their Homemaker-Family Member Role and the Dual Roles of Homemaker and Wage Earner-Part C

D

Project Number, ED Number, and Price	Principal Investigator and Institution	Title
6-3050	Helen Y. Nelson Cornell University Ithaca, New York	The Efficacy of Home Economics Courses Designed to Prepare Disadvantaged Pupils for their Homemaker-Family Member Role and the Dual Roles of Homemaker and Wage Earner-Part B
7-0006	Phyllis K. Lowe Purdue University Lafayette, Indiana	The Efficacy of Home Economics Courses Designed to Prepare Disadvantaged Pupils for their Homemaker-Family Member Role and the Dual Roes of Homemaker and Wage Earner-Part A
8-0714	Cleveland L. Dennard Washington Technical Institute Washington, D.C.	Individualized Youth Education for Careers in Criminal Justice
8-0748	Thomas F. Zuck Compton Union High School 417 Alondra Blvd. Compton, California	Development of a Curriculum Designed to Prepare Disadvantaged Persons of the Compton High School Area for Employment in Health Occupations
8-0844	Thomas C. Rosica The School District of Philadelphia Philadelphia, Pennsylvania	Summer Work-Study Program on Urban Problems for Secondary School Youth from Inner City Communities
8-0556	George A. Parkinson Milwaukee Technical College 1015 North Sixth Street Milwaukee, Wisconsin 53203	Evaluation of Residential Schools and Essential Factors Which Contribute to their Operation

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Project Number, ED Number, and Price	Principal Investigator and Institution	Title
8-0686	Mr. William Waterman United Planning Organization 1100 Vermont Avenue, NW. Washington, D.C.	Neighborhood Youth Development Program
8-0888	The Research Council of the Great Cities Program for School Improvement 4433 West Touhy Avenue Chicago, Illinois	Pilot Program for Veterans in Public Service (VIPS)

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VI DCVR Projects Related to Evaluation

During the period from July 1, 1964, to June 30, 1968, DCVR initiated a total of 48 projects related to evaluation. These projects are itemized on the attached list.

If a project is identified only by a project number (for example: 5-0126), the project activities are still underway and, of course, the final report is not yet available from the ERIC System.

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E

DCVR PROJECTS RELATED TO EVALUATION

Project Number, ED Number, and Price	Principal Investigator and Institution	Title
5-0002 ED 010 013 MF: 50¢ HC: $3.32	Roy W. Roberts University of Arkansas Fayetteville, Arkansas	Contribution of Vocational Education to Actual Occupations of Former Homemaking Students
5-0007 ED 010 495 MF: $1.00 HC: $10.24	Jacob Kaufman Pennsylvania State University University Park, Pennsylvania	Research, Development and Demonstration in Adult Training and Retraining
5-0017	William G. Loomis State Department of Education Division of Community Colleges and Vocational Education Salem, Oregon	A System for Planning, Implementing and Evaluating Vocational Education
5-0060	Jacob Kaufman Pennsylvania State University University Park, Pennsylvania	An Experimental Program to Compare Education Versus Training for Young School Dropouts
5-0066 ED 003 491 MF: 75¢ HC: $7.20	J. Kenneth Little University of Wisconsin Madison, Wisconsin	Conference on Occupational Data Requirements for Education
5-0069	John K. Coster University of Nebraska Lincoln, Nebraska	An Experimental Evaluation of Approaches to Preparing High School Students for Agricultural Occupations Other than Farming

E

Project Number, ED Number, and Price	Principal Investigator and Institution	Title
5-0085	David C. Bjorkquist Pennsylvania State University University Park, Pennsylvania	Effects of Field and Job Oriented Technical Retraining on Manpower Utilization of the Unemployed
5-0127 ED 010 011 MF: 25¢ HC: $1.52	Harold A. Edgerton Performance Research, Inc. Washington, D.C.	Statistical Prediction of Training Program Success
5-0172 ED 010 296 MF: 75¢ HC: $5.32	Arthur J. Corazzini Princeton University Princeton, New Jersey	Economic Effects of Vocational Education in Worcester, Massachusetts
5-0177	Edgar A. Persons University of Minnesota Minneapolis, Minnesota	An Economic Study of the Investment Effects of Education in Agriculture
5-0185 ED 010 642 MF: 50¢ HC: $5.00	Bruce F. Davie Georgetown University Washington, D.C.	Vocational Education and Intergovernmental Relations in the Postwar Period
5-0208 ED 010 305 MF: 75¢ HC: $6.12	Edward A. Podesta and Harry V. Kincaid Stanford Research Institute Stanford, California	Supply and Demand Factors Affecting Vocational Education Planning
5-0430 ED 003 102 MF: 75¢ HC: $5.32	Earl R. Burrows Colorado State Department of Education Denver, Colorado	Analysis of Dropout Statistics in Selected Colorado School Districts

Project Number, ED Number, and Price	Principal Investigator and Institution	Title
5-1190	Jacob Kaufman Pennsylvania State University University Park, Pennsylvania	An Analysis of the Comparative Cost and Benefits of Vocational Versus Academic (High School) Education
5-1325	Mary Jean Bowman University of Chicago Chicago, Illinois	A Theoretical and Empirical Analysis of Vocational Preparation in Japan
5-1333	Helen Nelson Cornell University Ithaca, New York	Evaluation of Student Teaching in Home Economics
5-1337	Harry V. Kincaid Stanford Research Institute Menlo Park, California	A Preliminary Evaluation of Pre-Technical Programs in Secondary Education
5-1363 ED 019 511 MF: $1.00 HC: $8.80	John L. Coffey and E. E. Slowter Battelle Memorial Institute Columbus, Ohio	Evaluating the Efficiency and Effectiveness of Self-Instructional Methods for Selected Areas of Vocational Education
5-8268 ED 010 011 MF: 25¢ HC: $1.52	Elisabeth N. Sutton Florida State University Tallahassee, Florida	Analysis of Research on Selected Aspects of Evaluation in Adult Education
5-8461 ED 010 072 MF: 25¢ HC: $1.68	Laura Sharp Bureau of Social Science Research, Inc. Washington, D.C.	Identification and Evaluation of Research Information on Occupational Training and Its Results
5-8466 ED 013 362 MF: 50¢ HC: $3.00	J. Chester Swanson University of California Berkeley, California	Identification and Development of Instruments for a Study of State Vocational-Technical Education Agencies and Their Influence upon Local Programs

Proposal Number, ED Number, and Price	Principal Investigator and Institution	Title
6-1659	Meredith Crawford George Washington University Washington, D.C.	The Design and Evaluation of Vocational-Technical Education Curricula through Functional Job Analysis
6-1746	Roger S. Cannell and Arnold Kotz Stanford Research Institute Menlo Park, California	Conference on Planning and Programming of Vocational Education
6-1831 ED 016 097 MF: $1.00 HC: $8.56	Donald A. Sommerfeld Muskegon City Public Schools Muskegon, Michigan	An Evaluation of Vocational Education for Disadvantaged Youth
6-2414	Max W. Eninger American Institute for Research Pittsburgh, Pennsylvania	A National Survey: High School and Student Characteristics, and Their Relationships to the Occupational and Post-High School Educational Experiences of T&I Vocational Course Graduates
6-2437	Lewis E. Wall Colorado State University Fort Collins, Colorado	A Study of the Effectiveness of Federally Supported Business Data Processing Summer Institutes
6-3003	J. K. Little and Gerald G. Somers University of Wisconsin Madison, Wisconsin	An Evaluation of Effectiveness of Vocational Education and Technical Education in the United States
6-8087 ED 022 190 MF: 50¢ HC: $2.52	Merle Ohlsen and J. Don Boney University of Illinois Urbana, Illinois	An Evaluation of a Counselor Education Program Designed for Prospective Elementary School Counselors Enrolled in 1965-66 NDEA Institute

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Project Number, ED Number, and Price	Principal Investigator and Institution	Title
6-8224	W. L. Hansen and Burton Weisbrod University of Wisconsin Madison, Wisconsin	Seminar on the Economics of Education: Investment Decisions and Contributions to Income and Economic Growth
6-8355 ED 016 083 MF: 50¢ HC: $4.24	Bruce Tuckman Rutgers-The State University New Brunswick, New Jersey	The Development of Procedures for Evaluating Vocational Pilot Programs
6-8503 ED 018 524 MF: 75¢ HC: $5.36	Sidney Rosenberg and Winthrop R. Adkins YMCA of Greater New York New York, New York	A Design for Action Research at Project TRY
6-8590 ED 015 302 MF: 50¢ HC: $3.72	Richard J. Vasek Mississippi State University State College, Mississippi	A Comparative Analysis of Electronic Content in Public Post-High Programs and the Technical Requirements of Industry
7-0048	LeLand L. Medsker University of California Berkeley, California	Problems and Issues in Accreditation by Specialized Agencies of Vocational-Technical Curricula in Post Secondary Institutions
7-0968	Harold Byram Michigan State University East Lansing, Michigan	Five State Try Out and Demonstration Program to Determine the Generalizability of an Evaluation System for Local Programs of Vocational and Technical Education
7-1327	Allen Lee Teaching Research Division Oregon State System of Higher Education Monmouth, Oregon	Improvement and Development of the Organization and Administration of Vocational-Technical Education

Project Number, ED Number, and Price	Principal Investigator and Institution	Title
7-8021 ED 016 112 MF:50¢ HC: $4.52	Karl B. Schnelle, Jr. Instrument Society of America Pittsburgh, Pennsylvania	An Evaluation of a Summer Institute to Train Instructors of Instrumentation Technology
8-0066	Chester Swanson University of California Berkeley, California	Leadership Role, Functions, Procedures and Administration of Vocational-Technical Education Agencies at the State Level
8-0158	Malcolm M. Provus Pittsburgh Public Schools Pittsburgh, Pennsylvania	Development and Validation of a Program Evaluation Model for a Large City School System
8-0232	Keith Goldhammer Oregon State University Corvallis, Oregon	An Analysis of the Research Coordinating Unit Program
8-0245	Fred C. Adams Western Association of Schools and Colleges Burlingame, California	Development of New Techniques and Procedures for Evaluating Elementary and Secondary Schools
8-0264	Herbert J. Kiesling Indiana University Bloomington, Indiana	A Study of Cost and Quality of New York School Districts
8-0301	James H. Straubel The Aerospace Education Foundation Washington, D.C.	The Evaluation of Three U. S. Air Force Instructional Systems Within Civilian Education

Project Number, ED Number, and Price	Principal Investigator and Institution	Title
8-0348	Gary R. Smith Utah State University Logan, Utah	Workshop on Planning, Implementing and Evaluating Balanced Programs in Distributive Education
8-0367	Dr. Joseph H. McGivney The Center for Vocational and Technical Education The Ohio State University Columbus, Ohio	National Development Institute in Planning, Programming, and Budgeting Systems
8-0398	Dr. Allen Lee Oregon State System of Higher Education Monmouth, Oregon	Program Planning, Budgeting and Evaluation Institute
8-0481	Eaton H. Conant University of Oregon Eugene, Oregon	An Analysis of Comparative Costs and Benefits of Non-Professional Aide Programs in School Districts
8-8055	Ralph LoCascio New Jersey State Department of Education Trenton, New Jersey	Development of a Model Planning, Programming, and Budgeting System for Vocational Education at the State Level
ED 016 077 MF: 25¢ HC: 88¢	Bruce Davie Georgetown University Washington, D.C.	Using Benefit-Cost Analysis in Planning and Evaluating Vocational Education

3/69

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VII DCVR Projects Related to the Health Occupations

During the period from July 1, 1964, to June 30, 1968, DCVR initiated a total of thirty-one projects related to the health occupations. These projects are itemized on the attached list.

If a project is identified only by a project number (for example: 5-0126), the project activities are still underway and, of course, the final report is not yet available from the ERIC System.

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HO

DCVER PROJECTS RELATED TO THE HEALTH OCCUPATIONS

Project Number, ED Number, and Price	Principal Investigator and Institution	Title
5-0039	Barbara L. Tate National League for Nursing New York, New York	Identification of Characteristics of Practical Nursing Students For Use in Guidance and Selection
5-0126	Robert M. Tomlinson University of Illinois Urbana, Illinois	A Longitudinal Study of Practical Nursing
5-0175 **ED 016 845** **MF: 75¢** **HC: $6.48**	Austin E. Fribance Technical Education Research Center Cambridge, Massachusetts	Development of a Curriculum Guide in Bio-Medical Equipment
5-1318 ED 016 074 MF: 25¢ HC: 40¢	Alberta Jacoby Mental Health Film Board, Inc. New York, New York	Development of a Film for Interpretation and Training for Homemakers Service
5-1328 **ED 019 505** **MF: 25¢** **HC: 88¢**	Robert E. Kinsinger The Board of Regents of the University of the State of New York Albany, New York	A Community College Health Careers Project to Develop and Strengthen Education of Health Service Technicians
5-8398 ED 010 190 MF: 75¢ HC: $6.88	Bill J. Fullerton Arizona State University Tempe, Arizona	A Curriculum Development Program for a Paramedical Education Center

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Project Number, ED Number, and Price	Principal Investigator and Institution	Title
6-1685 ED 013 361 MF: 50¢ HC: $2.04	Francis Lindaman National Association for Mental Health New York, New York	Mental Health Association Staff Training Conference
6-2015 **ED 019 508** **MF: 50¢** **HC: $2.68**	Louis J. Kishkunas Pittsburgh Board of Public Education Pittsburgh, Pennsylvania	Pittsburgh Technical Health Training Institute Demonstration Project
6-2129 ED 015 391 MF: 25¢ HC: $2.16	Annie L. Crawford Southern Regional Education Board Atlanta, Georgia	Nursing for Professional Nurse Educators in Practical Nurse Schools
6-2193 ED 012 790 MF: $1.00 HC: $9.80	John P. Decker Arizona Health Services Education Association Phoenix, Arizona	A Functional Analysis of Paramedical Occupations as a Foundation for Curriculum Development
6-2209 ED 012 342 MF: $1.00 HC: $9.00	Philip W. Morgan United Hospital Funds of New York New York, New York	Guidance Counselor Institute for Health Careers'
6-2355 **ED 021 556** **MF: 50¢** **HC: $4.16**	Peter G. Meek National Health Council New York, New York	American Association of Junior Colleges-National Health Council Committee on Health Technology Education
6-2444 ED 016 079 MF: 50¢ HC: $4.00	Forbes W. Polliard Indianapolis Hospital Development Association Indianapolis, Indiana	Feasibility of a Systematic Study of Manpower Requirements and Educational and Training Programs of Selected Health Occupations

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Project Number, ED Number, and Price	Principal Investigator and Institution	Title
6-2652 ED 011 052 MF: 25¢ HC: $1.88	A. R. Baralt, Jr. University of Detroit Detroit, Michigan	Pilot Vocational Teacher Training Institute in Dental Assisting, Summer 1966
6-2653 ED 010 334 MF: 50¢ HC: $3.16	Roger E. Barton University of North Carolina School of Dentistry Chapel Hill, North Carolina	Pilot Vocational Teacher Training Institute in Dental Assisting, Summer 1966
6-2664	Grace L. Nangle Massachusetts State Department of Education Boston, Massachusetts	A Conference on New Educational Curricula for Sub-Professional Personnel in the Health Services
6-8302	Milo E. Van Hall Alfred Agricultural and Technical College State University of New York Alfred, New York	A Comprehensive Project to Develop a Complete Curriculum in the Area of Medical Records Technician
7-0313	J. Paschal Twyman James Potchen Technical Education Research Center, Inc. Waco, Texas	Development of Career Opportunities for Technicians in the Nuclear Medical Field
7-0463	L. C. Alexander Marquette University Milwaukee, Wisconsin	Teacher Training Institute in Dental Assisting
7-0544	Carl F. Lamar University of Kentucky Lexington, Kentucky	A Clinical Workshop in Mental Health and Psychiatric Nursing for Instructors in Schools of Practical Nursing

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Project Number, ED Number, and Price	Principal Investigator and Institution	Title
7-0635 ED 021 064 MF: 50¢ HC: $4.44	R. W. Coon National Committee for Careers in Medical Technology Washington, D. C.	Medical Laboratory Assistant Teacher Education Institute - Pilot Program
7-0654	Doris L. Berryman New York University Washington Square New York, New York	Development of Educational Programs for New Careers in Recreation Services for the Disabled
7-0973	Roy W. Dugger Edmund P. Garvey Technical Education Research Center, Inc. Waco, Texas	Development and Evaluation of Educational Programs in Bio-Medical Equipment Technology
7-8374	Edward Jakabauskas Iowa State University Ames, Iowa	Demonstration of Research-Conference Procedures for Estimating Health Manpower Requirements and in Evaluating Educational and Training Programs for Selected Health Occupations in Non-Metropolitan Areas
8-0056	Robert Nathan Associates, Inc. Washington, D. C.	Study of the Transferability of Military Trained Medical Personnel to the Civilian Sector
8-0301	James H. Straubel The Aerospace Education Foundation Washington, D.C.	The Evaluation of Three U.S. Air Force Instructional Systems Within Civilian Education
8-0408	Marie P. Meyer Rutgers - The State University New Brunswick, New Jersey	Workshop on Program Development for Training Homemaker-Home Health Aides

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Project Number, ED Number, and Price	Principal Investigator and Institution	Title
8-0460	Lewis D. Holloway The University of Iowa Iowa City, Iowa	Teacher Education Institute for New Health Occupations Education Teachers
8-0627	Melvin L. Barlow University of California at Los Angeles Los Angeles, California	Development and Validation of Instructional Programs for the Allied Health Occupations
7-0031 ED 022 958 MF: 50¢ HC: $4.36	Robert J. Wallenstein Washington State University Pullman, Washington	Knowledges Commonly Useful in Twelve Allied Health Occupations
8-8018	James H. Straubel The Aerospace Education Foundation Washington, D.C.	Feasibility of Adapting Three Air Force Courses for Civilian Use